11TH EUROPEAN CONGRESS ON TROPICAL MEDICINE AND INTERNATIONAL HEALTH
16-20 SEPTEMBER 2019
LIVERPOOL, UK

www.ectmih2019.org
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On behalf of the team and Board of Trustees at the Royal Society of Tropical Medicine and Hygiene (RSTMH), welcome to the European Congress on Tropical Medicine and International Health (ECTMIH) 2019 – thank you for joining us.

Every two years, health professionals, researchers, scientists and students from academic, clinical, NGO and industry settings across the world come together to attend ECTMIH, an initiative of the Federation of European Societies of Tropical Medicine and International Health (FESTMH).

RSTMH is proud to be hosting ECTMIH 2019, and it’s fitting we’re in Liverpool, given its rich history in tackling tropical diseases. This year is the twenty-fifth anniversary of FESTMH and the Congress, which gives us a chance to celebrate the importance of strong collaboration across Europe and beyond, as we tackle complex global health challenges. We thank FESTMH for this opportunity.

The theme of this meeting is 25 years: investigation, innovation and implementation. Over the next five days, you will hear from some of the most experienced researchers, clinicians and professionals in their fields, and have a chance to take part in numerous discussions. Please download the Congress app to ensure you don’t miss anything.

We look forward to welcoming you to the opening plenary, where we will celebrate the start of our week, including a number of high profile speakers, entertainment and show for the first time a glimpse of the RSTMH film with ITN Productions, “Access to Health: Global Challenges”.

From Tuesday, breakfast sessions will include presentation support for early career researchers. Plenary time with key notes and panel discussions will follow each day, followed by six scientific tracks running until the end of the days.

Track 3 is split: on Tuesday and Wednesday the focus is One Health, which also incorporates the RSTMH Annual Meeting. On Thursday and Friday, we focus on early career professionals, helping them with their career development.

On Friday, we will have some talks to summarise the week and announce the ECTMIH location for 2021. We hope to end the week with clear plans to address some of the difficult challenges of the next 25 years, and we’ll summarise these.

This week, we are also marking the tenth anniversary of our journal International Health on Tuesday and on Thursday, we recognise International Snakebite Awareness Day with the RSTMH Special Report on Snakebite.

There is social time throughout the week, including our dinner on Wednesday at Isla Gladstone Conservatory. See the app for other activities and discounts on Liverpool attractions.

We’re delighted that the NTD NGO network (NNN) are holding their annual meeting here. We have shared exhibition and social space on the lower level, and joint lunchtime sessions in the Knowledge Hub, see the app for details.

I would like to thank our enabling partners, without whom we would not have been able to deliver such a large and prestigious event. These are the Liverpool School of Tropical medicine (LSTM), University of Liverpool, the London School of Hygiene & Tropical Medicine (LSHTM), NIHR, Liverpool, the University of Oxford and Swiss TPH.

I also want to thank the Committees of ECTMIH 2019 – the strategic, scientific, sponsorship and communications groups that have given up so much time and energy to help us deliver this programme.

www.rstmh.org
The Federation was founded in 1994 at Hamburg, during the first European Congress on Tropical Medicine. Fifteen European countries are currently represented on the Federation Council by their respective national societies. FESTMIH provides a strong platform for collaboration toward common goals with sister Societies and colleagues in the South.

The objectives of FESTMIH are to build upon the interdisciplinary expertise of the national Societies in Europe, for developing European collaboration and North – South partnership towards health development in the tropics, in respect of regional specificities.

The Federation wants specifically to promote harmonisation of health strategies and recommendations related to developing countries, emergency situations and international travellers, to seek the advice from overseas partners for pertinent identification of their health and research priorities, to foster the formation in the tropics of new scientific societies dealing with health sciences, to encourage European harmonisation of training in tropical medicine, and to organise in Europe regular conferences on tropical medicine and international health, as a platform for debate on European research and cooperation in international health.

FESTMIH is co-publisher of the periodical journal “Tropical Medicine and International Health (TM&IH)” and has become one of the leading journals in its field.

www.festmih.eu

Member societies

(AU) Österreichische Gesellschaft für Tropenmedizin, Parasitologie und Migrationsmedizin

(BE) Be-Cause Health

(CH) Swiss Society of Tropical Medicine and Parasitology

(CZ) Society of Tropical and Travel Medicine (under the umbrella of the Czech Society of Infectious Diseases)

(DE) Deutsche Gesellschaft für Tropenmedizin und Internationale Gesundheit (DTG)

(ES) Sociedad Española de Medicina Tropical y Salud Internacional (SEMTSI)

(FI) Finnish Society for International Health

(FR) Société de Pathologie Exotique

(IE) The Irish Forum for Global Health

(IT) Società Italiana di Medicina Tropicale (SIMET)

(NL) Nederlandse Vereniging voor Tropische Geneeskunde en Internationale Gezondheidszorg

(NO) Norwegian Forum for Global Health Research

(PT) Associação para o Desenvolvimento da Medicina Tropical

(SE) Svensk förening för tropikmedicin och internationell hälsa

(UK) Royal Society of Tropical Medicine and Hygiene

(HR) Croatian Society of Travel Tropical and Migration Medicine of the Croatian Medical Association
Thank you to our event sponsors

ECTMIH 2019 wouldn’t be possible without the support of our valued sponsors:

**Gold Sponsors**

- GSK
- The Academy of Medical Sciences
- E D C T P

“Holding the European Congress in the UK this year is a great opportunity. It will be a multi-disciplinary meeting that brings together thought leaders and the research community to highlight successes and explore innovative solutions to future Global Health challenges. I’m thrilled that we are supporting and taking part in this event.”

Mark Bradley,
GSK’s Director Tropical Disease Programmes, Global Health

**Silver Sponsors**

- Merck
- MRC Medical Research Council
- National Institute for Health Research
- Swiss TPH Swiss Tropical and Public Health Institute

“The Institute of Tropical Medicine Antwerp proudly hosted ECMTIH 2017. We are looking forward to another successful edition of the Congress this year. See you in Liverpool!”

Roeland Scholtalbers,
Head of Communications, ITM Antwerp
Bronze Sponsors

DNDi
Enabel
F1000

The Global Health Network
Enabling research by sharing knowledge
ICTMM 2020
Bangkok, Thailand
London School of Hygiene & Tropical Medicine

Luminex
Complexity simplified.

Mectizan Donation Program

Sanofi Pasteur

Sumitomo Chemical

University of Oxford
Enabling partners

**Liverpool School of Tropical Medicine (LSTM)**

Liverpool School of Tropical Medicine (LSTM) is the world’s oldest institution of its kind. By working collaboratively with our UK and overseas partners, we translate our research and innovation from laboratories directly to the people who will benefit from it the most in disease endemic countries. Born out of industry, we have been engaged in the fight against infectious, debilitating and disabling diseases since 1898 and continue that tradition today with a research portfolio of over £320 million and a post-graduate teaching programme attracting students from over 65 countries. For more information see www.lstmed.ac.uk and on Twitter via @LSTMnews

**London School of Hygiene & Tropical Medicine (LSHTM)**

LSHTM is a world-leading centre for research, postgraduate studies and continuing education in public and global health. LSHTM has a strong international presence with 3,000 staff and 4,000 students in more than 100 countries. LSHTM is one of the highest-rated UK research institutions, is partnered with two MRC Units in The Gambia and Uganda, with annual research income of over £180 million. Our mission is to improve health and health equity in the UK and worldwide; working in partnership to achieve excellence in public and global health research, education and translation of knowledge into policy and practice. www.lshtm.ac.uk

**NIHR**

The NIHR Health Protection Research Unit (HPRU) in Emerging and Zoonotic Infections at Liverpool was established in April 2014. The overarching aim of the HPRU is to support and strengthen Public Health England (PHE) in its role of protecting England from emerging and zoonotic infections. Led by Professor Tom Solomon it has supported research in a number of key areas including Zika, Ebola and Lyme Disease and brings together internationally leading researchers from University of Liverpool, Liverpool School of Tropical Medicine and PHE. To become a member of the HPRU and for further information on our work, please visit: www.hpruezi.nihr.ac.uk/membership/how-to-apply Twitter: @HPRUezi

**Swiss Tropical and Public Health Institute**

The Swiss Tropical and Public Health Institute (Swiss TPH) is a world-leading institute in global health with a particular focus on low- and middle-income countries. Associated with the University of Basel, Swiss TPH combines research, services, and education and training at local, national and international levels. About 850 people from 80 nations work at Swiss TPH focusing on infectious and non-communicable diseases, environment, society and health as well as health systems and interventions. www.swisstph.ch
University of Liverpool

The University of Liverpool was established in 1881 as the original “redbrick” university. We are one of the UK’s leading research-intensive higher education institutions, and have physical and virtual campuses worldwide. Ranked in the world’s top 200 universities, our annual income is £523 million, including £95 million for research. We have a long and distinguished history in global health, working with national and international partners to reduce the burden of communicable and non-communicable diseases. We teach more than 33,000 students through more than 400 undergraduate and postgraduate courses across three Faculties. For more information, see www.liverpool.ac.uk and Twitter via @livuni.

University of Oxford

The University of Oxford is the oldest university in the English speaking world dating back to 1096. During the 20th and 21st centuries, Oxford added to its humanistic core a major new research capacity in the natural and applied sciences, including medicine. The University has a long standing commitment to global health research to improve health outcomes for people all over the world and to build research capacity in the countries with which we partner. Through its UK based research and overseas programmes in Asia and Africa we aim to make a significant contribution to global health research. www.ox.ac.uk and www.tropicalmedicine.ox.ac.uk.
General information

Accreditation and certificates
ECTMIH 2019 has been granted 27 European CME credits (ECMEC) by the European Accreditation Council for Continuing Medical Education (EACCME).

Participants are requested to sign the attendance list at the registration desk twice a day at 08:30 and at 13:30.

Participants will receive a certificate of attendance via email after the Congress.

Badges
At the Congress, name badges must be worn at all times as they verify that you are a registered participant. You will be charged if you lose your badge. Name badges will not be reprinted, so please ensure you do not lose them.

Breastfeeding
The venue is breastfeeding friendly and there is also a breastfeeding room available. This will be located in Room 16.

Business Centre
Business Centre services are available and are located on the Galleria level.

Cash machines
There is one on-site cash machine. This can be located here at the Convention Centre – Lower Riverside Entrance adjacent to the toilets.

Currency exchange facilities are available at the Business Centre.

Catering and dietary requirements
Dietary requirements provided during online registration have been communicated to the venue. If special meals are being provided for you, please speak to a member of staff.

Cloakroom
There are free guarded cloakrooms located on the Galleria level. Any items can be left at the cloakroom within the official opening hours. The cloakroom will close 30 minutes after the end of the last session of the day.

Congress social night
The Congress social night is on the evening of Wednesday 18 September and takes place at the Isla Gladstone Conservatory.

Discounts on local attractions
All ECTMIH 2019 attendees will also have access to a Liverpool Privilege Card which offers discounts to many of Liverpool’s main attractions. You’ll be given this at registration.

Disabled visitors
The venue is easily accessible for disabled visitors. Parking is adjacent to the venue with dedicated accessible spaces and there is ramp and lift access to conference rooms and halls internally.

The auditorium features accessible bays and there are accessible toilets. The venue also has hearing induction loops available.

Emergency number
In case of emergency, dial 999.
Emergency procedures
In the event that the building needs to be evacuated the following announcement is broadcast over the Public Address:

“Attention please – Attention please! We have an emergency within the building. Please leave by the nearest available exit! Do not use the lifts!”

In the event of an evacuation of ACC Liverpool, all delegates, exhibitors and the event organiser’s staff are requested to muster on the piazza outside the restaurant near Jury’s Inn.

No one is to return to the building, and everyone should remain at the muster point until further information or official announcements have been made by ACC Liverpool.

Exhibition schedule
The exhibition areas are located in Hall 2 (lower level) and will be open on the following days and times.

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<tr>
<td>Monday 16 September</td>
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First aid
In the event of medical assistance being required, please contact a member of the ACC Liverpool team, informing them of the nature and location of the medical emergency.

In an emergency, please call the ambulance directly (the emergency number in the UK is 999) as this should be done as soon as possible. The operator will require information from somebody who is with the casualty. Any accidents that take place must be reported.

The nearest hospital to the ACC is:

The Royal Liverpool University Hospital,
Prescot Street,
Liverpool L7 8XP
Tel: +44 (0) 151 706 2000.

The Accident and Emergency department is open 24 hours.

Knowledge hub
You will find the Knowledge hub in Hall 2 (lower level) in front of the escalators. It provides an extra shared space for ECTMIH and NNN delegates for talks, workshops and discussions on various topics that will take place during the breaks Tuesday – Thursday. Details will be on the app and posted at the hub.

Language
The official language of ECTMIH 2019 is English.

Liability
In registering for ECTMIH 2019, participants agree that neither RSTMH nor the Organising Secretariat assume any liability whatsoever.

Participants should therefore organise their own health, travel and personal insurances.

Lost and found
Lost and found is handled by the ACC Guest Relations Desk. Any items found may be handed to ACC personnel or staff at the information desk in the Galleria.

Multi faith/quiet rooms
A multi faith/quiet room is available at the venue in Room 15.
General information

Refreshment breaks
Lunches and coffee breaks will be available in Hall 2 (lower level).

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Registration and information desk
The Registration and information desks will be located in the Galleria City Side entrance of the ACC and will be open at the following times.

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Smoking
Smoking/vaping in not permitted during Congress sessions or anywhere inside the ACC. Should you wish to smoke/vape, a designated area is situated at the Riverside entrance of the ACC.

Speaker preview room
The speaker preview room is located in Room 7. All presenters will be required to bring their PowerPoint presentation on a USB stick to the speaker preview room two hours before their scheduled talk at the latest.

Venue
Arena and Convention Centre (ACC) Liverpool
Kings Dock
Liverpool Waterfront
Merseyside, L3 4FP
UK

Security
Every visitor who comes to ACC Liverpool may have their bags searched. We therefore ask you to consider keeping bags and possessions to a minimum. Please consider the size of your bags – no larger than a laptop bag is advisable. Please note that large bags and suitcases will be searched.

We ask you to remain vigilant. Please alert stewards if you notice anything you feel uncomfortable with. Keep all personal items with you at all times, as the Congress rooms will be locked when not in use in the evenings.
Get involved at ECTMIH 2019

Congress app

Get all the latest news and updates with the official ECTMIH 2019 event app. The app is free to download for iPhone or Android phones.

Through the app you can:

• Create a profile and network with fellow delegates with shared scientific interests
• Take part in live polls
• Vote for speakers and your favourite sessions
• Give feedback
• Share photos
• View venue site maps
• Get all the latest Congress news

Search "ECTMIH 2019" on the Apple Store and Google Play or scan the QR code.

Social media

@RSTMH

Engage at the Congress on social media by sharing interesting links, images and videos on Twitter using the hashtag #ECTMIH2019.

Exhibition

ECTMIH is an event of the Federation of European Societies of Tropical Medicine and International Health. Visit them at their stand during the Congress.

Find out more about ECTMIH 2019 hosts, the Royal Society of Tropical Medicine and Hygiene, as well as joining in with events for International Snakebite Awareness Day on Thursday 19 September at their stand.

You can find the Exhibition map on page 032.
List of committees

Strategic Committee

Werner Van Cleemputte, Co-founder Medicongress, Professional Conference Organisers for ECTMIH 2019

Professor Bruno Gryseels, Director of ITM Antwerp

Dr Karel Gyselinck, President of Federation of European Societies of Tropical Medicine and International Health (FESTMIH)

Werner Van Cleemputte and his spouse Martine Verbeke founded Medicongress in 1987. What started in their own house has expanded over the years, also by integrating audio-visual and multimedia companies started up by their sons.

In 2013 all four sister companies moved to a brand new headquarters offering state-of-the-art facilities near Ghent, Belgium. Today Medicongress is a well-known PCO with a large worldwide experience and a dedicated, well experienced team remaining a non share holder driven, family owned flexible company.

Professor Gryseels has served as advisor to several international organisations, such as WHO/TDR, the EC, the World Bank, GTZ, SAREC and to national disease control or research programmes in Mali, Congo, Madagascar, Egypt, Morocco, China, Brazil and Senegal.

He has directed a large number of international research programmes with support from TDR, EU, GIZ, DGDC, WOTRO etc. and authored some 150 scientific papers including major reference papers. In 1995, he became the ITM’s 7th director. Since then, the ITM has tripled its annual turnover to €52 million and doubled its workforce to 450 highly qualified scientists and technicians.

Dr Karel Gyselinck is a medical doctor with a master’s in public health at ITM Antwerp and 29 years’ experience of. After working as a general practitioner in Belgium for two years, he worked for five years in Zambia as hospital practitioner in a rural district hospital and as District Director.

Thereafter for 12 years he was the medical director of the international NGO Memisa Belgium. Then he joined the Memisa Board. Since 2006 he is working as a public health expert at the Belgian Technical Cooperation (now Enabel) in Brussels and is a guest lecturer at ITM Antwerp and different universities (ULB, UIA and Ugent).

From 2010 – 2018, Karel was the chair of Be-cause Health, the Belgian platform of International Health. Since 2017 he is the president of FESTMIH, the European Federation of Societies of Tropical Medicine and International Health.
Strategic Committee

Professor Janet Hemingway,  
Professor of Vector Biology; Chair in  
Insect Molecular Biology, Liverpool  
School of Tropical Medicine

Professor Hemingway initially trained as a geneticist and is currently Professor of Insect Molecular Biology. She has 34 years’ experience working on the biochemistry and molecular biology of specific enzyme systems associated with xenobiotic resistance.

She has been PI on projects well in excess of £60 million including the Bill and Melinda Gates Foundation funded Innovative Vector Control Consortium. She stepped down as Director of LSTM in October 2018.

Dr Adrian Hopkins MBE,  
Chair of the Scientific Committee, ECTMIH 2019

Dr Hopkins, an ophthalmologist and expert in neglected tropical diseases, has decades of experience working across Africa delivering primary healthcare and ophthalmic services after completing his medical studies at St. Andrews University in Scotland in 1971.

From 2008 – 2016, he was Director of the Mectizan Donation Programme (MDP), which oversees the donation of the drug Mectizan for river blindness (onchocerciasis) and Mectizan and albendazole for lymphatic filariasis elimination in Africa. He is a long-standing member of RSTMH and has published several papers across our journals, International Health and Transactions.

Professor Baron Peter Piot,  
Director of London School of Hygiene and Tropical Medicine

Professor Piot was the founding Executive Director of UNAIDS and Under Secretary-General of the United Nations from 1995 until 2008. Under his leadership, UNAIDS became the chief advocate for worldwide action against AIDS, also spearheading UN reform by bringing together 10 UN system organisations.

He was part of a team that co-discovered the Ebola virus in 1976 and was a leading voice during the recent outbreak of the disease in West Africa, when he was highly instrumental in mobilising the international community to respond. He held the role of Chair of the World Health Organization’s Ebola Science Committee, and he also chaired the influential Harvard Global Health Institute-London School of Hygiene & Tropical Medicine Independent Panel on the Global Response to Ebola.
List of committees

Strategic Committee

Professor Sarah Rowland-Jones, President of RSTMH

Professor Rowland-Jones trained in medicine at Cambridge and Oxford and then embarked on post-graduate training in adult infectious diseases in London and Oxford. Between 2001 and 2004, she was the Director of the Oxford Centre for Tropical Medicine, which coordinates Oxford-linked research activities in tropical medicine and international health, particularly in Wellcome Trust funded research units in Thailand, Vietnam and Kenya.

In 2004, she moved to The Gambia as Director of Research in the MRC Laboratories in The Gambia, the UK’s oldest and largest research unit, where she was based until August 2008. She is now back in Oxford as a Professor of Immunology and her research group continues to focus on immune responses to HIV infection in African cohorts, trying to identify what would be needed to create a successful vaccine.

Scientific Committee

Professor Jurg Utzinger, Director of Swiss TPH

Professor Utzinger is Professor of Epidemiology at the University of Basel and director of the Swiss Tropical and Public Health Institute (Swiss TPH). Jürg is an expert on the epidemiology and control of parasitic diseases with a particular emphasis on neglected tropical diseases.

His research, teaching and training interest pertain to spatially explicit risk profiling, health impact assessments of large infrastructure projects and integrated disease control approaches. Jürg is a member of a number of national and international bodies in the field of health and international development.

Dr Adrian Hopkins MBE, Chair of the Scientific Committee, ECTMIH 2019

Dr Hopkins, an ophthalmologist and expert in neglected tropical diseases, has decades of experience working across Africa delivering primary healthcare and ophthalmic services after completing his medical studies at St. Andrews University in Scotland in 1971.

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Scientific Committee

Dr Fiona Fleming
Director of Monitoring, Evaluation and Research, SCI, Imperial College London

Professor Neil French
Prof. of Infectious Diseases at University of Liverpool, UK

Dr Camilla Gonzalez Beiras
Institute of Hygiene and Tropical Medicine, Lisbon, Portugal

Vice-Chair of Treatment and Patient Care Track

Dr Fleming is an epidemiologist with a strong background in the control of infectious diseases. With over 16 years’ experience of working in Africa, she has been with SCI at Imperial College London since 2005 facilitating the delivery of over 150 million treatments for schistosomiasis and soil-transmitted helminths (STH).

Prior to her time with SCI, Fiona lived and worked in Uganda for four years managing a Community Resource Programme for Restless Development, which focused on bottom-up sustainable health and agricultural activities in rural populations. She therefore has an acute awareness of the environments and populations in which NTD programmes operate. Subsequently, Fiona worked with the Sabin Institute’s Human Hookworm Vaccine Initiative in Minas Gerais, Brazil where she conducted a geospatial survey of STH species and Schistosoma mansoni and a socio-economic survey within a rural population.

Vice-Chair of Prevention Track

Neil French is an honorary consultant in Infectious diseases at the Royal Liverpool & Broadgreen University Hospitals Trust.

He graduated in medicine from the University of Edinburgh. His research career began when he spent five years at the Medical Research Council programme on AIDS in Uganda studying HIV as a member of LSTM staff. This was where his major interest in vaccines emerged, studying the efficacy of pneumococcal polysaccharide in HIV-infected adults.

He subsequently went on to complete specialist training in Infectious Diseases and general medicine in Liverpool, secured a Wellcome Trust Career development fellowship and returned to Africa spending 5 year at the Wellcome trust Major overseas programme in Blantyre Malawi and subsequently five years as Director of the London School of Hygiene & Tropical Medicine’s site in Karonga Northern Malawi.

Vice-Chair of Early careers track

Camila Beiras, BSc, is a post-doctoral research scientist with a clinical-epidemiological background, that currently leads the field work implementation of a yaws eradication campaign in Lihir Island, Papua New Guinea. She has relevant research experience on Cutaneous Ulcer diseases including a landmark trial on the treatment of latent stage Yaws disease and metagenomics studies for the identification of skin bacterial agents.

In Lihir, she works together with a project manager, two pre-doctoral medical officers and four nurses to ensure the correct implementation of the projects. Camila González has a vast experience in the coordination of clinical studies and is a researcher with sound expertise in yaws and other Skin NTDs management.
List of committees

Scientific Committee

Margaret Gyapong  
Director of the Centre for Health Policy and Implementation Research, University of Health and Allied Sciences, Ghana.

Professor Janet Hemingway,  
Professor of Vector Biology; Chair in Insect Molecular Biology, Liverpool School of Tropical Medicine

Dr Judy MacArthur Clark,  
Soulsby Foundation, Chair of One Health Track, which is also the RSTMH Annual Meeting

Chair of Health Systems Track

Professor Margaret Gyapong is Director of the Centre for Health Policy and Implementation Research at the University of Health and Allied Sciences, Ghana. Prior to joining the university in 2017, she spent almost 25 years as researcher in the Ghana Health service where she held the position of Deputy Director.

Professor Gyapong studied medical anthropology at Brunel University, London and obtained her doctorate in Epidemiology from the University of Basel. Her interests are in socio cultural aspects of tropical diseases, implementation research, maternal and child health and building implementation of research capacity.

Chair of Prevention Track

Professor Hemingway initially trained as a geneticist and is currently Professor of Insect Molecular Biology. She has 34 years’ experience working on the biochemistry and molecular biology of specific enzyme systems associated with xenobiotic resistance.

She has been PI on projects well in excess of £60 million including the Bill and Melinda Gates Foundation funded Innovative Vector Control Consortium. She stepped down as Director of LSTM in October 2018.

A veterinarian by background, Dr MacArthur Clark led the Animals in Science Regulation Unit (ASRU) in the Home Office for over eight years where she was responsible for regulating the use of animals in research throughout the UK. Prior to joining the Home Office in 2007, she was Vice-President of Worldwide Comparative Medicine with Pfizer Global R&D based in Groton, Connecticut.

As Executive Director of JMC Consultancy, she now applies her expertise in developing meaningful international policies which will deliver economic, scientific and animal welfare gains.
Scientific Committee

**Dr Michael Marks**
NIHR Clinical Lecturer in Infectious Disease.

**Professor David Moore,**
Professor of Infectious Diseases and Tropical Medicine, London School of Hygiene & Tropical Medicine, Chair of Early Career Researchers Track

**Professor Sarah Rowland-Jones,**
President of RSTMH, Chair of Age-related Health Track

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**Vice-Chair of the Early Careers track**

His PhD, which was funded by the Wellcome Trust, focused on understanding the impact of azithromycin mass administration on treponemal infections as part of a strategy to eliminate yaws in the Solomon Islands including work on disease mapping and the evaluation of diagnostic tests. He was a lead investigator on a WHO sponsored trial of treatment of yaws in Ghana and Papua New Guinea and has collaborated with Oriol Mitjà on studies to optimise community treatment strategies for yaws in PNG.

Following his PhD, his research interests have expanded to include all of the human treponematoses including both *Treponema pallidum* subsp. pallidum (the causative agent of syphilis) while continuing his interest in *T. pallidum* subsp. pertenue (the causative agent of yaws). He collaborates with Professor Nick Thomson on the application of next-generation sequencing tools to our understanding in these important diseases.

**Professor Moore leads a TB research group in Lima, Peru, is Course Director for the DTM&H course at LSHTM and is a Consultant in Infectious Diseases and Tropical Medicine at the Hospital for Tropical Diseases in London.**

Professor Rowland-Jones trained in medicine at Cambridge and Oxford and then embarked on post-graduate training in adult infectious diseases in London and Oxford. Between 2001 and 2004, she was the Director of the Oxford Centre for Tropical Medicine, which coordinates Oxford-linked research activities in tropical medicine and international health, particularly in Wellcome Trust funded research units in Thailand, Vietnam and Kenya.

In 2004, she moved to The Gambia as Director of Research in the MRC Laboratories in The Gambia, the UK’s oldest and largest research unit, where she was based until August 2008. She is now back in Oxford as a Professor of Immunology and her research group continues to focus on immune responses to HIV infection in African cohorts, trying to identify what would be needed to create a successful vaccine.
List of committees

Scientific Committee

Dr Thushan de Silva
Imperial College London,
London, UK

Vice-Chair of the Age-related health Track

Dr de Silva joined the University of Sheffield in 2013 as an NIHR Academic Clinical Lecturer in Infectious Diseases & Microbiology and was awarded an Academy of Medical Sciences starter grant to undertake pilot studies of live attenuated influenza vaccination (LAIV) in adult volunteers. Data generated during these lead to the successful award of a Wellcome Trust Intermediate Clinical Fellowship in 2016 under the sponsorship of Professor Beate Kampmann (MRC Gambia/Imperial College London) to be undertaken between Imperial College London, MRC Unit The Gambia at LSHTM and the University of Sheffield.

Dr Madeleine Thomson,
Senior Research Scientist, International Research Institute for Climate and Society, Chair of External Factors Influencing Future Health Track

As well as being a Senior Research Scientist at the International Research Institute for Climate and Society, Dr Thomson is also a Senior Research Scholar at the Mailman School of Public Health Department of Environmental Health Sciences.

She is the Director of the WHO Collaborating Centre on Early Warning Systems for Malaria and other Climate Sensitive Diseases, her research focusing on the development of new data, methodologies and tools for improving climate-sensitive health interventions including the development of climate services for the health sector.

As a trained entomologist, her original focus was malaria visceral leishmaniasis, but in recent years this has expanded to include air and water-borne infections, as well as broader health challenges associated with food security/nutrition and disasters.

Professor Jurg Utzinger,
Director of Swiss TPH

Chair of Treatment and Patient Care track

Professor Utzinger is Professor of Epidemiology at the University of Basel and director of the Swiss Tropical and Public Health Institute (Swiss TPH). Jürg is an expert on the epidemiology and control of parasitic diseases with a particular emphasis on neglected tropical diseases.

His research, teaching and training interest pertain to spatially explicit risk profiling, health impact assessments of large infrastructure projects and integrated disease control approaches. Jürg is a member of a number of national and international bodies in the field of health and international development.
Scientific Committee

Professor John Vontas
Institute of Molecular Biology and Biotechnology, Crete, Greece

Vice-Chair of Prevention Track

Professor John Vontas has led molecular studies into the mechanisms of insecticide resistance in insects of public health and agricultural importance. He has published over 160 papers in international journals and given a number of invited talks worldwide.

His research has received funds from a range of national and international funding agencies, including EU FP7, IVCC/Bill Gates Foundation, Industry and EU H2020.

Professor Peter Winstanley
Liverpool School of Tropical Medicine, Liverpool, UK

Vice-Chair of Prevention Track

After graduating from the University of Liverpool in 1979 he worked closely with LSTM from the mid-1980s until leaving the University in 2010. While at Liverpool he worked with LSTM’s Deputy Director Steve Ward on the development of new antimalarial drugs in partnership with GlaxoSmithKline (GSK), Medicines for Malaria, the Department for International Development (DFID) and the World Health Organization (WHO).

Between 1995 – 2009 Professor Winstanley was the Director of the Wellcome Trust Tropical Centre, preceding LSTM’s Professor David Lalloo. Working alongside Malcolm Molyneux and Robert Heyderman he helped the Malawi-Liverpool-Wellcome Trust Research Programme’s Development. Also, while at Liverpool he led the University’s successful bid for a NIHR Biomedical Research Centre, which he directed until he left Liverpool in 2010.

Dr Eve Worrall
Liverpool School of Tropical Medicine, Liverpool, UK

Vice-Chair of External Factors influencing Future Health track

Eve is a Health Economist and Senior Research Programme Manager at Liverpool School of Tropical Medicine. Her main interests relate to economic evaluation, policy analysis, research capacity strengthening and assessing the equity of public health interventions with a focus on vector borne diseases, neglected tropical diseases and, more recently, TB.
List of committees

Scientific Committee

Professor Kaspar Wyss
Swiss Tropical and Public Health Institute, Basel, Switzerland

Professor Alan Fenwick,
Prof. of Tropical Parasitology,
Imperial College London

Vice-Chair of the Health Systems Track

Professor Wyss, is a Public Health Specialist, Professor and Head of Department at the Swiss Tropical and Public Health Institute. Kaspar Wyss is in charge of a team of 60 staff in Basel focusing on health systems development primarily in low- and middle income countries.

Activities relate to both research and health system monitoring and performance assessment, with a specific interest in the role and importance of human resources for health. He directs a number of research and implementation projects in Africa, Eastern Europe, and Asia and has extensive consultancy experiences for a broad range of clients.

Sponsorship Committee

Tamar Ghosh,
Chief Executive, Royal Society of Tropical Medicine and Hygiene

During his leadership of SCI Professor Fenwick has travelled extensively in Africa visiting the 16 countries in which SCI is and has been actively supporting control programmes. In October 2010 and again in 2014, SCI was awarded 5 year grants by DFID to deliver 202 million schistosomiasis treatments in 10 countries in Africa. SCI has been recognised as a top 3 cost-effective charity by charity evaluators “Givewell”, and by other similar organisations.

Prior to his appointment at Imperial College, he has worked on schistosomiasis research and control in Tanzania (5 years), Sudan (17 years) and latterly in Egypt (1998 – 2002).

He has championed the control of Neglected Tropical Diseases, and his work has been recognised in UK by the award of an OBE in 1988, and he was recognised by his peers when the Royal Society of Tropical Medicine and Hygiene awarded him the Donald McKay medal in 2004, and the Rickard Christophers medal in 2015.

Tamar joined RSTMH as Chief Executive in November 2016. Before then she was at Nesta running the Longitude Prize, a £10m science prize looking for a rapid diagnostic test to fight antibiotic resistance.

Before Nesta, Tamar founded and ran two social enterprises in global and national healthcare, which continue in her spare time. She was Director of the social action campaign ‘Give More’ on behalf of one of the Pears Foundation, promoting increased giving of money and time amongst the UK public.

Prior to that, she spent 15 years developing and delivering funding strategies for international NGOs, including ActionAid and VSO.
List of committees

Sponsorship Committee

Professor Janet Hemingway, Prof. of Vector Biology; Chair in Insect Molecular Biology, Liverpool School of Tropical Medicine

Professor Hemingway initially trained as a geneticist and is currently Prof. of Insect Molecular Biology. She has 34 years’ experience working on the biochemistry and molecular biology of specific enzyme systems associated with xenobiotic resistance.

She has been PI on projects well in excess of £60 million including the Bill and Melinda Gates Foundation funded Innovative Vector Control Consortium. She stepped down as Director of LSTM in October 2018.

Communications Committee

Alistair Burnett, Director of News, Sightsavers

Alistair is an experienced journalist and communicator now focusing on communications, media relations and analysis of global affairs. He is currently Director of News at Sightsavers.

His 26 years’ BBC experience included a decade (2004-2014) as Editor of the award-winning news programme, The World Tonight, during which time its audience increased and its reputation for insightful, in depth coverage of global news was enhanced.

Sarah Marzouk, Digital Communications Manager, Royal Society of Tropical Medicine and Hygiene

Sarah joined RSTMH in September 2017 as Digital Communications Manager. She has a decade of experience working in the world of communications, mostly in the not-for-profit and public sector, having started her career in the media team at Save the Children UK, before working on community engagement events with the London Development Agency as part of the London 2012 Olympic Legacy project.

She then went on to join HelpAge International where she was instrumental in establishing their social media presence, as well as working on two website relaunch projects.

More recently she lived and worked in Amsterdam as a digital communications freelancer, before returning to London to Friends of the Earth where she was the editor of their supporter magazines.
Twenty-five years ago, the Federation of Societies for Tropical Medicine and International Health (FESTMIH) was created in an innovative move to further the coordination of research and practice of tropical medicine and international health. Much has happened in the last 25 years, research has given us new diagnostics, new medicines, and new strategies have been developed in public health. Neglected tropical diseases have achieved a massive scale up, AIDS has been reduced to a chronic disease in many communities, malaria control has had some successes, and polio and guinea worm eradication are nearly achieved although they remain stuck at the last hurdle. But much remains to be done. There is still a major divide between those who can afford care and those for which catastrophic health expenditure means no treatment or huge amounts of debt.

As the world faces the risks of new emerging diseases; as lifestyles, particularly in urban areas, lead to changing patterns of non-communicable diseases, as climate change brings about major changes in population stability, animal husbandry, food supply, as well as changes in vector environments, and as populations age, there are many new challenges. Moving forward to the next 25 years we need to keep alive the spirit of innovation, an emphasis on investigation, and evidence-based action, as well as ensuring that health is, in reality, for all and not just the advantaged.

These issues are all highlighted in what is an exciting programme at ECTMIH 2019, both in the various thematic tracks but also in the plenary sessions which promise some lively debate, as well as special sessions for those early in their career. As we look forward to the next 25 years, we will need to continue the innovation, investigation and implementation in healthcare to make sure that no one is left behind.
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ECTMIH tracks

Look out for the sub-theme tags throughout the programme. Each sub-theme is indicated by a coloured text bar, as illustrated below.

Prevention

**Track 1**

Innovations in vaccines, vector control, diagnostics, and using social sciences for surveys and bringing about behaviour change all figure in this track. Malaria, HIV, TB and NTDs, as well as other established and emerging infectious diseases will all be represented, with a broad mandate of prevention of disease.

Treatment and Patient Care

**Track 2**

NTDs and other infectious diseases, as well as non-communicable diseases are all part of this track. The accent is on prevalence and management of at-risk populations, as well as prevention through mass drug administration, use of vaccines and patient care for complications of TB, HIV, other febrile illnesses and resistance, and basic healthcare in resource poor environments.

One Health

**Track 3**

**One Health Tuesday 17 and Wednesday 18 September**

This One Health half track represents a growing understanding of the importance of the relationship between humans and the animals (and parasites) they live with, and how to manage those relationships. This track will also include a special snakebite session on 19 September, International Snakebite Awareness Day, as well as the RSTMH medal awards, AGM and Presidential address.

Early Careers

**Track 3**

**Early Careers Thursday 19 and Friday 20 September**

This track is specifically for participants early in their career, and will include talks on key skills, sharing career journeys, speed mentoring and other support on presenting. Mentoring sessions should have been signed up for in advance of the meeting. For any queries email ectmih2019@rstmh.org.

There are breakfast sessions available on Tuesday, Wednesday and Thursday for early careers to run through their oral presentation with experts and get advice, please sign up for these by emailing ectmih2019@rstmh.org.

Health Systems

**Track 4**

Once again, the importance of health system strengthening has been appreciated, as so many programmes have failed at the peripheral level because, staff, infrastructure or strategies have not been in place to implement health policies. Many of the presentations include experiences from the field with different types of programmes that have been piloted or been implemented in difficult circumstances, including with displaced people.
Age-Related Care

Many of these sessions discuss experiences in maternal and child health in very different contexts across the world. However, there are presentations on nutrition and for those later in life, the need for exercise and move away from a sedentary lifestyle to prevent non-communicable diseases, and a report on screening for prostate cancer in older men in a resource-poor setting.

External Factors Influencing Future Health

There is a tremendous variety in the review of external factors influencing future health and the use of new tools to follow the trends. Subjects include climate change, pollution, poverty and health, collection and use of data, creating healthy cities and an increasing global population’s use of increasingly limited resources.

References

Oral presentations and organised sessions throughout the programme have been assigned a unique abstract number along with a page reference number. You can use these references to navigate the programme and locate the detailed session information.

Here is an example session:

**Oral session**

14:00 – 14:15 089 / p.000

Uncovering the hidden: Surveillance of the emergence of anthelmintic resistance in human population with soil-transmitted helminths in southern Mozambique

The first three digit number represents the abstract reference, which you will see later on in the detailed information, enabling you to see the authors and organisations where they’re based. This is also the abstract number in the journal *Transactions of the Royal Society of Tropical Medicine and Hygiene* where the abstracts have been printed.

For some abstracts, where we were not able to obtain permissions from authors, there is no entry in the journal.

Next to the abstract reference is the page number the detailed information is assigned.

Poster numbers are also a reference to the journal.
Our approach to global health focuses on our science

We are a science-led global healthcare company with a special purpose: to help people do more, feel better, live longer.

We help address the biggest health challenges affecting children and young people in the developing world – TB, malaria and HIV and other infectious diseases.

We are also making an impact on global health beyond our science. Through global and local partnerships, we are working to improve disease prevention, awareness and access to healthcare services.
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Exhibition

General

The exhibition will take place on the lower level. The Auditorium, Hall 1 is located on the upper level and is connected to the exhibition by escalators. Loading docks at street level allow easy access to the exhibition hall for loading and unloading.

Exhibitor badges

Exhibitors are required to register for passes in accordance with the sponsorship level. They will receive exhibitor badges (which differ from the participant badges) with personal name and organisation offering access to the exhibition, meeting rooms, coffee breaks, lunches and welcome reception.
Hall 2

Note: Position of doors and moveable walls are indicative.
 Convention Centre  Upper Level – Main rooms

Key

- Room 7  Speaker preview room
- Room 15  Prayer and quiet room
- Room 16  Baby feeding room
- Room 1  Auditorium for plenary talks
- Lift
- Escalator
- Stairs
- Male / Female Toilets
- Disabled Toilets
ECTMIH
2019

Programme and event overview
JOIN OUR NETWORK

Be part of our global network by becoming a member, spreading awareness of RSTMH’s work, donating or volunteering your time and experience across a wide range of activities.

About us

The Royal Society of Tropical Medicine and Hygiene is a charity and membership society that has been dedicated to improving tropical medicine and global health since 1907.

Our ambition is to save lives and improve health around the world through increased access to and greater equity in global healthcare.

Through our activities we help further our members’ careers. We also harness their collective knowledge and expertise to achieve change within the sector.

Our members, based in over 80 countries, are at all stages of their careers, working across a multitude of disciplines and from a range of sectors.

What we do

Journals: We publish two internationally renowned, peer-reviewed journals: Transactions of the Royal Society of Tropical Medicine & Hygiene and International Health.

Grants: We provide grants annually to early career researchers from anywhere in the world to carry out their own research on aspects of tropical medicine or global health.

Medals and awards: We recognise excellence and progress in tropical medicine or global health through our prestigious medals, awards and essay prizes.

Policy and advocacy: We identify areas of work where our knowledge, networks and collective expertise can help improve awareness, activities or policy positions that achieve change.

Events: We organise and support events around the world that bring together voices from different sectors working in tropical medicine or global health.

Ambassadors: We recruit Country and Student Ambassadors around the world to raise awareness of RSTMH.

rstmh.org

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Royal Society of Tropical Medicine and Hygiene, Northumberland House, 50-54 High Holborn, London WC1V 6BD • Tel: +44 (0)20 7420 8828. Registered charity in England and Wales (1146162), Company limited by guarantee. Registered company in England and Wales (07941827).
Plenary

Monday 16 September 2019

17:00 – 18:30 Room 1 – The Auditorium

Opening plenary

17:00 – 17:10
Welcome and introduction to the programme
Speaker:
Tamar Ghosh
Director, ECTMIH 2019
Dr Adrian Hopkins
Chair of the Scientific Committee, ECTMIH 2019

17:10 – 17:30
Welcome to Liverpool
TBC

17:30 – 17:50
Federation of European Societies for Tropical Medicine and International Health (FESTMIH)
Dr Karel Gyselinck
President of FESTMIH

17:50 – 18:20
Keynote address
Dr Soumya Swaminathan
Chief Scientist, WHO

18:20 – 18:30
Showcase of RSTMH programme
‘Access to health: global challenges’

18:30
Entertainment
## Programme by day

### Tuesday 17 September 2019

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<td>07:00 – 08:00</td>
<td>Knowledge Hub – breakfast seminars. Room 4 – Early career workshops</td>
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<tr>
<td>08:00 – 09:30</td>
<td>Plenary session</td>
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<tr>
<td>09:30 – 10:00</td>
<td>Coffee Break</td>
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<tr>
<td>10:00 – 11:30</td>
<td><strong>Organised session</strong>&lt;br&gt;10:00 – 11:30 500 / p.050&lt;br&gt;Viral Haemorrhagic Fevers: Advances in prevention, case management and diagnostics</td>
<td><strong>Organised session</strong>&lt;br&gt;10:00 – 11:30 501 / p.050&lt;br&gt;Neglected Disease R&amp;D Through the Lens of a Public-Private Partnership Model</td>
<td><strong>Organised session</strong>&lt;br&gt;10:00 – 11:30 502 / p.051&lt;br&gt;Health systems and Neglected Tropical Diseases a policy and practice debate: Inclusion, Integration, innovation and implementation</td>
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<tr>
<td>11:30 – 12:30</td>
<td><strong>Oral session</strong>&lt;br&gt;11:30 – 11:45 004 / p.052&lt;br&gt;Chemical water quality in inpatient therapeutic feeding centres: Potential risks to paediatric severe acute malnutrition patients and proposed management strategies</td>
<td><strong>Oral session</strong>&lt;br&gt;11:30 – 11:50 008 / p.052&lt;br&gt;A new rapid acting anti-wolbachia drug for onchocerciasis and lymphatic filariasis</td>
<td><strong>Oral session</strong>&lt;br&gt;11:30 – 11:50 011 / p.052&lt;br&gt;Regional networks for research capacity and why these are needed to be prepared for disease outbreaks</td>
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<td>11:45 - 12:00 005 / p.052&lt;br&gt;Metronidazole-sensitive organisms in children with SAM: An evaluation of the indication for empiric metronidazole treatment</td>
<td>11:50 – 12:10 009 / p.052&lt;br&gt;The hidden hand of asymptomatic infection hinders control of neglected tropical diseases</td>
<td>11:50 – 12:10 012 / p.052&lt;br&gt;Health workforce development in emergency preparedness for viral haemorrhagic fevers</td>
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<td></td>
<td>12:00 – 12:15 006 / p.052&lt;br&gt;Community Health Worker Led Art Delivery (CLAD) improved scheduled antiretroviral drug refill among men who have sex with man (MSM) in an identified HIV clinic, Lagos state, Nigeria</td>
<td>12:10 – 12:30 010 / p.052&lt;br&gt;Are we there yet? Assessing who is being left behind and why in preventive chemotherapy treatment for neglected tropical diseases</td>
<td>12:10 – 12:30 013 / p.052&lt;br&gt;Assessing the impact of a new emergency triage system on head injury mortality: Tikur Anbessa specialized hospital emergency department, Addis Ababa, Ethiopia</td>
</tr>
<tr>
<td>12:30 – 14:00</td>
<td>Knowledge Hub – Lunchtime workshops jointly hosted by ECTMIH 2019 and NNN 2019</td>
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# Programme by day

**Tuesday 17 September 2019**

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<tr>
<td>07:00 – 08:00</td>
<td>Knowledge Hub – breakfast seminars. Room 4 – Early career workshops</td>
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<tr>
<td>09:30 – 10:00</td>
<td>Break</td>
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<tr>
<td>10:00 – 11:30</td>
<td>Organised session</td>
<td>Lecture</td>
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<tr>
<td>10:00 – 10:50</td>
<td>Malaria eradication in the context of climate, land use and demographic changes</td>
<td>Welcome and Soutoubi Lecture 2019: The changing world from a One Health perspective</td>
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<tr>
<td>10:50 – 12:00</td>
<td>Interactive session</td>
<td>Nudging professions to engage in One Health</td>
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<tr>
<td>11:30 – 12:30</td>
<td>Oral session</td>
<td>Oral session</td>
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<tr>
<td>11:30 – 11:50</td>
<td>014 / p.052 Finding the missing children with HIV: Index-linked testing in clinics and communities</td>
<td>016 / p.053 The UK’s current and future suitability for Aedes albopictus</td>
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<tr>
<td>11:50 – 12:10</td>
<td>015 / p.052 Simple indirect measures of adiposity are discriminatory of elevated blood pressure: A cross sectional analysis among adolescents in a resource-poor setting in northeast Nigeria</td>
<td>017 / p.053 Impact of climate change on vector-borne diseases, recent findings</td>
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<tr>
<td>12:10 – 12:30</td>
<td>Discussion</td>
<td>018 / p.053 Climate information for public health action in Ethiopia</td>
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<tr>
<td>12:30 – 14:00</td>
<td>Knowledge Hub – Lunchtime workshops jointly hosted by ECTMIH 2019 and NNN 2019</td>
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<td><strong>Oral session</strong></td>
<td><strong>Organised session</strong></td>
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<tr>
<td>14:00 – 15:30</td>
<td>022 / p.053  Adding proactive and reactive case detection into the integrated community case management system (iCCM+) to optimise diagnosis and treatment of malaria in a high transmission setting of Cameroon</td>
<td>508 / p.053  Mucosal parasites-microbiota interactions in health and disease: A British Society for Parasitology perspective</td>
<td>510 / p.054  Modelling social protection in health: Exchanges between concepts and field experiences in West-Africa</td>
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<td>14:00 – 15:30</td>
<td>507 / p.053  The aetiology, neuroimaging and neurodevelopmental outcome of severe febrile encephalopathy in Malawian children</td>
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<tr>
<td>14:00 – 15:30</td>
<td>024 / p.053  FIEBRE (Febrile Illness Evaluation in a Broad Range of Endemicities): A multi-site prospective observational study of causes of fever in Sub-Saharan Africa and southeast Asia</td>
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<td>14:45 – 15:30</td>
<td>Discussion</td>
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<tr>
<td>15:30 – 16:00</td>
<td><strong>Break</strong></td>
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<tr>
<td>16:00 – 16:08</td>
<td>031 / p.055  Olorofim, an investigational orotomide antifungal agent with in vitro activity against Madurella mycetomatis</td>
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<td>16:08 – 16:16</td>
<td>032 / p.055  Field performance of the highly-sensitivity rapid diagnostic test in a setting of highly seasonal malaria transmission</td>
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<tr>
<td>16:16 – 16:24</td>
<td>033 / p.055  High-intermediate endemic prevalence of hepatitis B virus amongst febrile patients in Bangladesh, including evidence of occult infection</td>
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<td>16:24 – 16:32</td>
<td>034 / p.055  Disk diffusion and E-testing to determine the in vitro susceptibility of M. mycetomatis towards commonly used antifungal agents</td>
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<td>16:32 – 16:40</td>
<td>035 / p.055  School based clinical trials in low resource settings and factors associated with low intervention coverage: Lessons learned from the START-IPT trial</td>
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<td>16:40 – 16:48</td>
<td>036 / p.055  Field evaluation of automated digital malaria microscopy: EASYSCAN GO</td>
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<td>16:48 – 16:56</td>
<td>037 / p.055  Liver health in HIV monoinfected and HIV/ HBV coinfected individuals in Ghana</td>
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<tr>
<td>16:56 – 17:00</td>
<td>Discussion</td>
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<tr>
<td>16:00 – 16:15</td>
<td>038 / p.056  Using country-specific modelling of malaria interventions for national strategic planning</td>
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<tr>
<td>16:20 – 16:40</td>
<td>039 / p.056  Ipamu – A Madagascar-Germany partnership project aiming to investigate health care worker infections during the 2017 pneumonic plague outbreak</td>
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<tr>
<td>16:40 – 17:00</td>
<td>040 / p.055  A behavior change model for latrine construction and use in rural Côte d’Ivoire</td>
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<tr>
<td>16:00 – 16:15</td>
<td>041 / p.056  Bypassing of healthcare facilities among national health insurance scheme (NHIS) enrollees in Ibadan, south-west Nigeria</td>
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<tr>
<td>16:15 – 16:30</td>
<td>042 / p.056  Effects of performance-based financing on health systems outcomes: Conclusive evidence or undue hype? A systematic review</td>
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<tr>
<td>16:30 – 16:45</td>
<td>043 / p.056  What can behavioural change analysis bring to the comprehensive understanding of performance-based financing sustainability? Exploration through the application of the I-change model on the case of Benin</td>
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<tr>
<td>16:45 – 17:00</td>
<td>044 / p.056  Integration of performance based financing in health financing policies of three fragile and conflict-affected settings</td>
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## Programme by Day

### Tuesday 17 September 2019

<table>
<thead>
<tr>
<th>Timing</th>
<th>Room 3A</th>
<th>Room 3B</th>
<th>Room 4</th>
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<tbody>
<tr>
<td>14:00 – 15:30</td>
<td><strong>Organised session</strong>&lt;br&gt;14:00 – 15:30 512 / p.054&lt;br&gt;Reproductive Health and the Politics of Abortion</td>
<td><strong>Organised session</strong>&lt;br&gt;14:00 – 15:30 514 / p.055&lt;br&gt;Surveillance and response systems in geospatial health</td>
<td><strong>Panel discussion</strong>&lt;br&gt;14:00 – 14:50&lt;br&gt;Introduction to One Health and Surveillance</td>
</tr>
<tr>
<td>15:30 – 16:00</td>
<td><strong>Break</strong></td>
<td></td>
<td><strong>Facilitated discussion groups</strong>&lt;br&gt;14:50 – 15:30&lt;br&gt;Discussion in groups on One Health and surveillance</td>
</tr>
<tr>
<td>16:00 – 16:40</td>
<td><strong>Oral session</strong>&lt;br&gt;16:00 – 16:20 043 / p.056&lt;br&gt;A cross-sectional mixed-methods study of sexual and reproductive health needs, knowledge and access to services among refugee adolescent girls in the Nakivale refugee settlement, Uganda</td>
<td><strong>Oral session</strong>&lt;br&gt;16:00 – 16:20 045 / p.056&lt;br&gt;Assessing the impact of climate change on sleeping sickness in Zimbabwe using a geospatial model of tsetse population dynamics</td>
<td><strong>Facilitated discussion groups</strong>&lt;br&gt;16:00 – 16:20&lt;br&gt;Discussion in groups on One Health and surveillance (continued)</td>
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<td></td>
<td>16:20 – 16:40 053 / p.056&lt;br&gt;Adolescent motherhood in low- and middle-income countries: Trends, determinants and inequalities</td>
<td>16:20 – 16:40 046 / p.056&lt;br&gt;Malaria: Bad Air. Is climate a reliable predictor for Malaria case distributions in the Dominican Republic?</td>
<td><strong>Turbo talks</strong>&lt;br&gt;16:20 – 17:00&lt;br&gt;Turbo talks on One Health and Surveillance</td>
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<td></td>
<td>16:40 – 17:00 047 / p.056&lt;br&gt;Increasing trends in adolescent childbearing among women in all educational groups in Zambia, but overall decline</td>
<td>16:40 – 17:00 047 / p.056&lt;br&gt;Human relevant ticks and tick-borne pathogens from migratory birds in southern and central Europe</td>
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### Programme by Day

**Tuesday 17 September 2019**

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<tr>
<th>Timing</th>
<th>Room 1A</th>
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<tr>
<td><strong>17:00 – 18:30</strong></td>
<td><strong>Organised session</strong>&lt;br&gt;519 / p.057&lt;br&gt;High tech in low resource settings: Exploring promising approaches for capacity building</td>
<td><strong>Oral session</strong>&lt;br&gt;17:00 – 17:20&lt;br&gt;055 / p.057&lt;br&gt;District level malaria risk in mainland Tanzania: Developing a stratification approach for targeted malaria intervention strategies</td>
<td><strong>Organised session</strong>&lt;br&gt;17:00 – 18:30&lt;br&gt;521 / p.058&lt;br&gt;Tropical Medicine where to go?</td>
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<td></td>
<td>17:20 – 17:40&lt;br&gt;056 / p.057&lt;br&gt;Recurrence behaviour and relapse characteristics of Plasmodium ovale spp. in Gabon</td>
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<td></td>
<td>17:40 – 18:00&lt;br&gt;057 / p.057&lt;br&gt;Another way of mapping malaria transmission intensity in Nigeria and beyond</td>
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<tr>
<td>Timing</td>
<td>Room 3A</td>
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<td></td>
<td><strong>Oral session</strong></td>
<td><strong>Organised session</strong></td>
<td><strong>Turbo talks</strong></td>
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<tr>
<td>17:00 – 17:15</td>
<td>058 / p.058 Male involvement in prevention of mother-to-child transmission of HIV during the option B+ era in Ndola district, Zambia</td>
<td>17:00 – 18:30 522 / p.000 Konzo and cassava toxicity and the legacy of Hans Rosling in global health</td>
<td>17:00 – 17:30 Turbo talks on One Health</td>
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<td>17:15 – 17:30</td>
<td>059 / p.058 Intimate partner violence and maternal depression during pregnancy: A community based cross-sectional study in Ethiopia</td>
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<td>17:30 – 18:30 Wrap up and RSTMH activities</td>
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<tr>
<td>17:30 – 17:45</td>
<td>060 / p.058 Exploring the gender specific impact of educational film on maternal and child health knowledge and behaviour: A qualitative study in Serenje district, Zambia</td>
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<td>Wrap up of One Health day 1 and RSTMH activities</td>
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<td>17:45 – 18:00</td>
<td>061 / p.058 Spatial heterogeneity on the reduction of vaginal fistula burden in Ethiopia in 2005 and 2016 using national household survey data</td>
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**Turbo talks**

17:00 – 17:30 Turbo talks on One Health

17:30 – 18:30 Wrap up of One Health day 1 and RSTMH activities
### Programme by Day

**Tuesday 17 September 2019**

<table>
<thead>
<tr>
<th>Timing</th>
<th>Track 3 One Health – Room 4</th>
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<tbody>
<tr>
<td>07:00 – 08:00</td>
<td>ECTMIH morning seminars</td>
</tr>
<tr>
<td>08:00 – 09:30</td>
<td>ECTMIH Plenary session – main auditorium</td>
</tr>
<tr>
<td>09:30 – 10:00</td>
<td>Break</td>
</tr>
<tr>
<td>10:00 – 10:05</td>
<td>Welcome and introduction to the RSTMH Annual Meeting on One Health</td>
</tr>
<tr>
<td>10:05 – 10:50</td>
<td>Session 1: Soulsby Lecture 2019 – the changing world from a One Health Perspective</td>
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<tr>
<td></td>
<td>Chair: Dr Judy MacArthur Clark Meeting and Events Committee Chair; Royal Society of Tropical Medicine and Hygiene</td>
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<td>Professor Peter Hotez, Dean for the National School of Tropical Medicine, Baylor College of Medicine</td>
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<tr>
<td>10:50 – 12:00</td>
<td>Session 2: Nudging Professions to engage in One Health</td>
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<tr>
<td></td>
<td>An interactive session exploring how we can use behavioural insights and nudge theory to engage multiple professions in working co-operatively across the spectrum of One Health</td>
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<td>Chair: Professor the Lord Sandy Trees, Crossbench member of the House of Lords</td>
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<td>Felicity Algate, Director, Behavioural Insights Team: North</td>
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<tr>
<td>12:00 – 12:30</td>
<td>Session 3: Turbo talks on One Health and the changing world</td>
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<tr>
<td></td>
<td>A series of five minute presentations</td>
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<td>Chair: Dr Hayley MacGregor, Institute of Development Studies, University of Sussex</td>
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<tr>
<td>12:30 – 14:00</td>
<td>Lunch</td>
</tr>
<tr>
<td>14:00 – 14:50</td>
<td>Session 4: Introduction to One Health and surveillance</td>
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<td></td>
<td>Panel discussion on the challenges and opportunities in health surveillance evidence and practices, as seen from various angles including economics, social sciences, and technological advances.</td>
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<td>Chair: Professor Eric Fèvre, Chair of Veterinary Infectious Diseases, University of Liverpool</td>
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<td>Dr John Benkovski, Head of Research Group, Veterinary Public Health Institute, Universität Bern</td>
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<td>Dr Hannah Brown, Associate Professor in the Department of Anthropology, Durham University</td>
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<tr>
<td></td>
<td>Dr Liam Thomas, Institution for Infection and Global Health, University of Liverpool</td>
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### Session 1: Soulsby Lecture 2019 – the changing world from a One Health Perspective

**Chair:** Dr Judy MacArthur Clark Meeting and Events Committee Chair; Royal Society of Tropical Medicine and Hygiene

Professor Peter Hotez, Dean for the National School of Tropical Medicine, Baylor College of Medicine

### Session 2: Nudging Professions to engage in One Health

**Chair:** Professor the Lord Sandy Trees, Crossbench member of the House of Lords

Felicity Algate, Director, Behavioural Insights Team: North

### Session 3: Turbo talks on One Health and the changing world

- **The molecular basis of viral promiscuity: what underlies the expanding host range of a high impact One Health virus, peste des petits ruminants?**
  - Camilla Benfield (UK/Mongolia)

- **The re-emergent Brugia species in Sri Lanka identified as a novel strain of B. malayi with a close nucleotide homology to B. pahangi**
  - Chandana Harendra Mallawarachchi (Sri Lanka)

- **Divergences in Anopheles gambiae behaviours and transmission of malaria and lymphatic filariasis in variously urbanised areas in rice fields, Côte d’Ivoire**
  - Julien Zahnou (Côte d’Ivoire)

- **A One Health perspective for schistosomiasis control in Africa?**
  - Bonnie Webster (UK/Africa)

- **Past human-animal interactions and the evolution of zoonoses in Ethiopia: A contribution from archaeology and ancient genetics**
  - Ophelie Lebrasseur (UK/Africa)
## Programme by Day

### Tuesday 17 September 2019

<table>
<thead>
<tr>
<th>Timing</th>
<th>Track 3 One Health – Room 4</th>
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<tbody>
<tr>
<td>14:50 – 15:30</td>
<td>Facilitated discussion groups&lt;br&gt;<strong>An opportunity to discuss the themes from the panel in detail. A set of questions will be provided for groups to discuss. Feedback from this session will be given to the super panel to explore at the end of the meeting and inform RSTMHs ongoing work on One Health.</strong></td>
</tr>
<tr>
<td>15:30 – 16:00</td>
<td>Break</td>
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<tr>
<td>16:00 – 16:20</td>
<td>Facilitated discussion groups continued</td>
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<tr>
<td>16:20 – 17:00</td>
<td><strong>Session 5: Turbo Talks on One Health and surveillance</strong>&lt;br&gt;A series of five minute presentations&lt;br&gt;<strong>Chair:</strong> Dr John Amuasi, Executive Director, African Research Network for Neglected Tropical Diseases and Co-Chair of the Lancet Commission&lt;br&gt;A novel method to monitor use of insecticide treated cattle to control human and animal African trypanosomiasis in Tanzania&lt;br&gt;Rachel Lea (UK/Tanzania)&lt;br&gt;Crimene-Congo Haemorrhagic Fever virus seroprevalence in Tanzanian livestock&lt;br&gt;Ellen Clare Hughes (UK/Tanzania)&lt;br&gt;Antimicrobial resistant bacteria in animals, food and humans. A study with One Health approach&lt;br&gt;Christian Vinueza-Burgo (Ecuador)&lt;br&gt;Identifying the role of the different reservoir hosts of zoonotic schistosomiasis in West Africa&lt;br&gt;Elsa Leger (UK/Senegal)&lt;br&gt;Towards a One-Health cost-effectiveness evaluation of African schistosomiasis control, a systematic review&lt;br&gt;Louise Vince (UK/Senegal)&lt;br&gt;Prevalence and genetic diversity of T. gondii in pigs from Yucatan, Mexico&lt;br&gt;Ara Isabel Cubas Atienzar (UK/Mexico)</td>
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<tr>
<td>17:00 – 17:30</td>
<td><strong>Session 6: Turbo talks on general One Health</strong>&lt;br&gt;A series of five minute presentations&lt;br&gt;<strong>Chair:</strong> Dr Chris Parry, Consultant Clinical Microbiologist and Infection Control Doctor&lt;br&gt;Transmission networks of Cryptosporidium spp. in rural sub-Saharan Africa: A multi-country study&lt;br&gt;Ralf Krumkamp (Germany/Sub-Saharan Africa)&lt;br&gt;Poultry value chains shaping avian influenza viral transmission in Bangladesh&lt;br&gt;Punam Mangtano (UK/Bangladesh)&lt;br&gt;“They say that if one heats milk, the cow will have sore breasts”: High risk of milk borne infections in Senegal due to pathogen presence and risky practices&lt;br&gt;Bhagyakshmi Chengat Prakashbabu (UK/Senegal)&lt;br&gt;A One Health approach to investigating sources of infection with Cryptosporidium and Giardia in rural areas of Tigray, Ethiopia&lt;br&gt;Tsegabirhan Tesama (Norway/Ethiopia)</td>
</tr>
<tr>
<td>17:30 – 17:40</td>
<td>Wrap up of day one</td>
</tr>
<tr>
<td>17:40 – 18:10</td>
<td><strong>RSTMH Awards Ceremony</strong>&lt;br&gt;Presentation of the Sir Patrick Manson and Chalmers Medals</td>
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<tr>
<td>18:10 – 18:30</td>
<td><strong>RSTMH Annual General Meeting</strong>&lt;br&gt;This is a member only session, non members who have booked annual meeting tickets are invited to join the Presidents reception</td>
</tr>
<tr>
<td>18:30 – 20:00</td>
<td><strong>Presidents Reception (separate venue)</strong>&lt;br&gt;For RSTMH members and Annual Meeting ticket holders only. Speeches from our outgoing President and new President</td>
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<td>20:00</td>
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</table>
08:00 – 09:30  Room 1 – The Auditorium

08:00 – 08:40
Keynote
Topic – The next 25 years of tropical medicine and global health; the opportunities and challenges ahead

Interviewer:
Richard Horton
Editor-in-Chief of the Lancet

Interviewees:
Professor David Lalloo
Director of the Liverpool School of Tropical Medicine (LSTM)

Professor Baron Peter Piot
Director of London School of Hygiene and Tropical Medicine

08:40 – 09:30
Panel discussion
Topic – The next 25 years of tropical medicine and global health chaired by Richard Horton.

Chair:
Richard Horton
Editor-in-Chief of the Lancet

Panel members:
Dorcas Gwata
Public health specialist

Dr Heidi J. Larson
Professor of Anthropology, Risk and Decision Science and Director of The Vaccine Confidence Project at LSHTM

Professor David Molyneux
Honorary Professor at LSTM

Dr Katey Einterz Owen
Director for Neglected Tropical Diseases at The Bill & Melinda Gates Foundation
Richard Horton
Editor-in-Chief of The Lancet


From 2011 – 2015, he was co-chair of the UN’s independent Expert Review Group on Information and Accountability for Women’s and Children’s Health. In 2011, he was elected a Foreign Associate of the US Institute of Medicine and, in 2015, he received the Friendship Award from the Government of China. In 2019 he was awarded the WHO Director-General’s Health Leaders Award for outstanding leadership in global health and the Roux Prize in recognition of innovation in the application of global health evidence. He wrote Health Wars (2003) about contemporary issues in medicine and health.

He has a strong interest in global health and medicine’s contribution to our wider culture. He now works to develop the idea of planetary health – the health of human civilizations and the ecosystems on which they depend.

Dorcas Gwata
Public health specialist

Dorcas specialises in working with young people and families affected by gang culture in London, as well as an experienced global mental health specialist working across Sub-Saharan Africa with special interests in gender violence, substance misuse, common mental health disorders, non-communicable diseases, migration, cross-cultural psychiatry and youth health. Dorcas is also a visiting Lecturer at LSHTM and Kings College London and has an MSc in Public Health from LSHTM.

Her current research explores the links between youth violence, inequalities and mental health for minority groups in London. She has carried out research on the Zimbabwean Friendship Bench model and she used her learnings to inform her work with young people and families involved in gangs in London.

Dorcas is a Mental Health Advisor at THET and also mentors young graduates, being passionate about supporting more women of colour in leadership. Dorcas is a Mary Seacole Leadership Awardee and was recently awarded the International Human Rights Award by the University of Surrey.
Plenary

Tuesday 17 September 2019

Professor David Lalloo
Director of the Liverpool School of Tropical Medicine (LSTM)

After spending three years in Papua New Guinea, David undertook clinical and laboratory research in Oxford before joining LSTM in 1999. He has focused on clinical trials in the tropics, particularly in HIV related infections, malaria and envenomation. He currently has collaborations and studies in a number of countries including Malawi, Uganda, Sri Lanka, Vietnam and South Africa.

He holds an appointment as Honorary Consultant at the Royal Liverpool University Hospital and is Clinical Director of the Tropical Medicine Directorate and Director of the Wellcome Trust Liverpool Glasgow Centre for Global Health Research and Wellcome Trust Clinical PhD programme.

Through the Centre and PhD programme, he is instrumental in identifying and supporting young UK clinicians interested in tropical research and building scientific capacity overseas, working closely with the Malawi Liverpool Wellcome Trust Clinical Research Programme.

Dr Heidi J. Larson
Prof. of Anthropology, Risk and Decision Science and Director of The Vaccine Confidence Project at LSHTM

Dr Larson’s research focuses on the analysis of social and political factors that can affect uptake of health interventions and influence policies. Her particular interest is on risk and rumour in health programmes, particularly around vaccines and immunisation. Professor Larson previously headed Global Immunisation Strategy and Communication for UNICEF and chaired the GAVI Advocacy Task Force.

She served on the FDA Medical Countermeasure (MCM) Emergency Communication Expert Working Group, and is Principle Investigator of the EU-funded (EBODAC) project on the deployment, acceptance and compliance of an Ebola vaccine trial in Sierra Leone.

The Vaccine Confidence Project has developed multiple metrics to measure population confidence in vaccines, from a survey-based Vaccine Confidence Index™ to temporal analysis of media and social media, and qualitative research to understand the drivers of vaccine reluctance and refusal.

The research also includes tracking the ecology of rumours and transnational influences on public trust in vaccines. The Vaccine Confidence Project has been named a WHO Centre of Excellence on addressing Vaccine Hesitancy.
Plenary

Tuesday 17 September 2019

Prof. David Molyneux
Honorary Professor at LSTM

Dr Katey Einterz Owen
Director for Neglected Tropical Diseases
at The Bill & Melinda Gates Foundation

David is Emeritus Professor of the University of Liverpool. He was Director of the Liverpool School of Tropical Medicine between 1991 and 2000. His work has been recognised by the award of Medals from the Royal Society of Tropical Medicine and Hygiene and the British Society for Parasitology- societies for which he has served as President.

Professor Molyneux has extensive experience working in Africa and the Middle East. He was awarded a DSc from Salford University and is a Doctor of Science Honoris Causa of Georgetown University, Washington, DC and is an Honorary Fellow of Liverpool John Moores University, UK for his work on neglected tropical diseases. He has been one of the key advocates in raising the profile of NTDs. They are now one of the priorities of the World Health Organisation and a target within the UN Sustainable Development Goals.

In this capacity, Katey has end-to-end responsibility for the Gates Foundation’s investment portfolio in controlling, eliminating, and eradicating the diseases of the London Declaration that collectively put at risk approximately one billion people in the world. The portfolio funds projects with global private and public partners across the value chain, from research and innovation through on-the-ground delivery of interventions in Africa and Asia.

Disease targets included polio, rotavirus, pneumonia, HIV, malaria, TB, Ebola, HPV, typhoid, ETEC, and shigella. Katey joined BMGF in 2013 from the pharmaceutical industry, after demonstrating success in vaccine development, manufacturing, and commercialisation across a portfolio of vaccines. Her perspectives have also been shaped by her oldest sister, who spent her career as a primary care physician and health-district chief in rural northern Cameroun. Prior to joining the pharmaceutical industry, Katey carried out academic research on influenza at the National Institute for Medical Research in Mill Hill (London). She earned her PhD in molecular virology from Purdue University.
Plenary

Tuesday 17 September 2019

Professor Baron Peter Piot
Director of London School of Hygiene and Tropical Medicine

Peter is a Handa Professor of Global Health. He was the founding Executive Director of UNAIDS and Under Secretary-General of the United Nations between 1995 – 2008.

A clinician and microbiologist by training, he co-discovered the Ebola virus in what was then known as Zaire in 1976, and subsequently led pioneering research on HIV and AIDS, women’s health and infectious diseases in Africa.

He is past president of the International AIDS Society and of the King Baudouin Foundation. In 1995 he was made a baron by King Albert II of Belgium, and in 2016 was awarded a UK honorary knighthood KCMG.

Professor Piot has received numerous awards for his research and service, including the Sir Patrick Manson Medal from RSTMH (2016), Canada Gairdner Global Health Award (2015), the Robert Koch Gold Medal (2015), the Prince Mahidol Award for Public Health (2014), and the Hideyo Noguchi Africa Prize for Medical Research (2013), the F.Calderone Medal (2003), and was named a 2014 TIME Person of the Year (The Ebola Fighters).

He has published over 580 scientific articles and 16 books, including his memoir, No Time to Lose.
Organised Session:
Viral haemorrhagic fevers: Advances in prevention, case management and diagnostics.

Organisers:
Tim O’Dempsey, Tom Fletcher, David Lalloo
Liverpool School of Tropical Medicine (LSTM), Liverpool, UK

Chairs:
O’Dempsey T. (UK) and Lalloo D. (UK)

10:00 – 10:15
Innovative vaccines and therapeutics to reinforce infectious disease interventions.
Kobinger G. (Canada)

10:15 – 10:30
Optimising clinical trial design during Ebola Virus Disease (EVD) outbreaks: Challenges and progress in the evaluation of investigational therapeutics for EVD patients.
Jacob S.T. (UK & Uganda)

10:30 – 10:45
Lessons from managing Ebola Virus Disease (EVD) in high resource settings.
Jacobs M. (UK)

10:45 – 11:00
Fletcher T.E. (UK & Turkey)

11:00 – 11:15
Follow-up of Lassa Fever survivors in Edo State, Nigeria: Virus persistence and correlates of immunity.
Pahlmann M., Günther S. (Germany)

11:15 – 11:30
A biosafe molecular diagnostic platform for near patient testing for VHF's
Edwards T. (UK)

Organised Session:
Neglected disease R&D through the lens of a Public-Private Partnership model.

Purpose of the Session:
The panel will consist of representatives from research institutions, the pharmaceutical industry, and BVGH. The academic panelists will share examples of how WIPO Re:Search company collaborations have been an important driving force to reaching critical milestones in their own research. Neglected disease collaborations with academic researchers will also be examined through a pharmaceutical industry perspective. This session will encourage both academic and private industry scientists to develop innovative cross-sector partnerships to advance neglected disease product development.

Organiser:
Joseph Hargan-Calvopiña
BIO Ventures for Global Health, Seattle, USA

Chairs:
Hargan-Calvopiña J. (USA) and Hotez P.J. (USA)

Speakers:
Paul Jackson
Johnson & Johnson, San Diego, CA, USA

Audrey Odom John
Washington University in St. Louis, MO, USA

Alister Craig
Liverpool School of Tropical Medicine, Liverpool, UK

Joseph Hargan-Calvopiña
BIO Ventures for Global Health (BVGH) Seattle, WA, USA
**Organised Session:**
Health systems and Neglected Tropical Diseases a policy and practice debate: Inclusion, integration, innovation and implementation.

**Purpose of the Session:**
This interactive policy and practice debate will include exchange amongst different stakeholders. Questions will include:

- How can integration of NTD programmes help or hinder health systems development?
- How can co-implementation of NTD service delivery with other vertical disease programmes?
- How can we ensure inclusive person-centred NTD care through the use of participatory approaches on the path toward integrated service delivery?

**Organisers:**
Sally Theobald  
Liverpool School of Tropical Medicine, Liverpool, UK  
Akinola Oluwole  
COUNTDOWN Nigeria

**Chair:**
Thomson R. (UK)

**Speakers:**
Karsor Kollie K.,  
Ministry of Health, Liberia  
Lar L.,  
COUNTDOWN Project, Sightsavers, Kaduna State, Nigeria  
Kelly–Hope L.,  
Monitoring and Evaluation Operational Research, Centre for Neglected Tropical Diseases, LSTM, UK

**Organised Session:**
Malaria eradication in the context of climate, land use and demographic changes.

**Organisers:**
Hannah Nissan  
Columbia University, LSE, USA  
Madeleine Thomson  
Columbia University, USA  
Chris Drakeley  
London School of Hygiene and Tropical Medicine, UK  
David Schellenberg  
Strategic Advisory Group on Malaria Eradication, WHO

**Chair:**
Schellenberg D. (Switzerland)

**10:00 – 10:05**
Introduction – SAGme and intro to megatrends  
Schellenberg D. (Switzerland)

**10:05 – 10:15**
Demographic trends  
Madise N. (Malawi)

**10:15 – 10:25**
Land use and land cover change  
Fomace K. (UK)

**10:25 – 10:35**
Climate change  
Nissan H. (USA)

**10:35 – 10:45**
Threats  
Rasmussen C. (Switzerland)

**10:45 – 11:30**
Panel Discussion

**Purpose of the Session:**
This panel session will explore the need to understand and harness uncertainty in these long-term trends to develop practical pathways towards malaria eradication that can be implemented today.
## Detailed Programme

### Tuesday 17 September 2019

#### Room 1A

**11:30 – 12:30**  
**Track 2: Treatment/Patient Care**

**11:30 – 11:45**  
**004**  
Chemical water quality in inpatient therapeutic feeding centres: Potential risks to paediatric severe acute malnutrition patients and proposed management strategies.  
Ali S.I., Turnbull J., Arnold M., Holt F., Narang T., Falade S., Van Der Kam S., Fesselet J.F., Orbinski J. (Canada & The Netherlands)

**11:45 – 12:00**  
**005**  
Zangenberg M., Abdissa A., Johansen Ø.H., Tesfaw G., Girma T., Fris H., Kurtzhals J.A.L. (Denmark, Ethiopia & Norway)

**12:00 – 12:15**  
**006**  
Community Health Worker Led Art Delivery (CLAD) improved scheduled antiretroviral drug refill among men who have sex with men (MSM) in an identified HIV clinic, Lagos state, Nigeria.  
Ibiloye O., Osindero O., Oyekanmi F., Emerenini F., Omoole T., Omoniyi D., Obioha E., Piang J., Akande P. (Nigeria)

**12:15 – 12:30**  
**007**  
HIV/AIDS-related knowledge and stigma among village health workers in rural Lesotho, Southern Africa: Analysis of data from get on research project.  
Lejone I.T., Lefu K., Kopo M., Kao M., Muhairwe J., Glass R.T., Labhardt D.N., Amstutz A. (Lesotho & Switzerland)

#### Room 1B

**11:30 – 12:30**  
**Track 1: Prevention**

**11:30 – 11:50**  
**008**  
A new rapid acting anti-wolbachia drug for onchocerciasis and lymphatic filariasis.  

**11:50 – 12:10**  
**009**  
The hidden hand of asymptomatic infection hinders control of neglected tropical diseases.  

#### Room 1C

**11:30 – 12:30**  
**Track 4: Health Systems**

**11:30 – 11:50**  
**011**  
Regional networks for research capacity and why these are needed to be prepared for disease outbreaks.  

**11:50 – 12:10**  
**012**  
Health workforce development in emergency preparedness for viral haemorrhagic fevers.  
Okware S., Okware B., Wailimbwa S., Omunt, W., Nanyondo, J., Nabukkenya, I., Walwema, R., van de Sande M. (Uganda & Belgium)

**12:10 – 12:30**  
**013**  
Fantaye H., Lomencho A., De Vos P Azah A. (Ethiopia & UK)

#### Room 3A

**11:30 – 12:30**  
**Track 5: Age-Related Care**

**11:30 – 11:50**  
**014**  
Finding the missing children with HIV: Index-linked testing in clinics and communities.  

**11:50 – 12:10**  
**015**  
Simple indirect measures of adiposity are discriminatory of elevated blood pressure: A cross sectional analysis among adolescents in a resource–poor setting in northeast Nigeria.  
Wani O., Jalo I., Bode–Thomas F. (Gambia & Nigeria)

**12:10 – 12:30**  
**Discussion**
### Detailed Programme

#### Tuesday 17 September 2019

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<th>Time</th>
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<tr>
<td>11:30 – 12:30</td>
<td>3B</td>
<td>Track 6: External Factors influencing Future Health</td>
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<tr>
<td>11:30 – 11:50</td>
<td></td>
<td></td>
<td>The UK’s current and future suitability for Aedes albopictus.</td>
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<td><em>Metelmann S., Caminade C., Hernandez-Colina A., Sherlock K., Blagrove M.S.C., Jones A.E., Medlock J.M., Baylis M., Morse A.P.</em> (UK)</td>
</tr>
<tr>
<td>11:50 – 12:10</td>
<td></td>
<td></td>
<td>Impact of climate change on vector-borne diseases, recent findings.</td>
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<td><em>Caminade C., Baylis M., Blagrove M., Metelmann S., Morse A.P.M., Medlock J.</em> (UK)</td>
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<tr>
<td>12:10 – 12:30</td>
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<td></td>
<td>Climate information for public health action in Ethiopia.</td>
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<td><em>Thomson M.C., Woyessa A., Mason S.J., Dinku T.</em> (USA &amp; Ethiopia)</td>
</tr>
<tr>
<td>14:00 – 15:30</td>
<td>1B</td>
<td>Track 1: Prevention</td>
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<tr>
<td>14:00 – 14:15</td>
<td></td>
<td></td>
<td>Adding proactive and reactive case detection into the integrated community case management system (iCCM+) to optimise diagnosis and treatment of malaria in a high transmission setting of Cameroon.</td>
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<td><em>Bekolo C.E., D’Arcy Williams T.</em> (Cameroon)</td>
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<tr>
<td>14:15 – 14:30</td>
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<td></td>
<td>The aetiology, neuroimaging and neurodevelopmental outcome of severe febrile encephalopathy in Malawian children.</td>
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<td><em>Ray S., Fuller C., Stockdale E., Dwivedi R., Chelcuti K., Maxon C., Taylor T., Chimalizeni Y., Seydel K., Griffiths M.J.</em> (UK &amp; Malawi)</td>
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<td>14:45 – 15:30</td>
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<td>Discussion</td>
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<tr>
<td>14:00 – 14:15</td>
<td>1A</td>
<td>Track 2: Treatment/Patient Care</td>
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<tr>
<td>14:00 – 14:05</td>
<td></td>
<td></td>
<td>Introduction – Parasite-microbiota interactions and their impact on health and disease</td>
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<td><em>Hirt R.P.</em> (UK)</td>
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<tr>
<td>14:05 – 14:20</td>
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<td>Mucosal parasites-microbiota interactions and the zoonotic origins of Trichomonas species</td>
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<td><em>Hirt R.P.</em> (UK)</td>
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<td>14:20 – 14:35</td>
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<td>Meta-genomic approaches to study host – pathogen microbiome interactions in insects</td>
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<td><em>Pachebat J.</em> (UK)</td>
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<td>14:35 – 14:50</td>
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<td>The gut microbiota and immune state of wild rodents – challenges and opportunities</td>
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<td><em>Viney M.</em> (UK)</td>
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<tr>
<td>14:50 – 15:05</td>
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<td>Of worms, germs and men – helminth-microbiota interactions in humans and animal models</td>
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<td><em>Cantacessi C.</em> (UK)</td>
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<tr>
<td>15:05 – 15:30</td>
<td></td>
<td></td>
<td>Q&amp;A Session</td>
</tr>
</tbody>
</table>
### Organised Session: Modelling social protection in health: Exchanges between concepts and field experiences in West-Africa.

**Organisers:**
Tim Roosen  
Be-cause health, Belgian platform for Tropical Medicine and International health, Belgian member of FESTMIH  
Paul Bossyns  
Enabel, Belgian Development Agency, Brussels, Belgium

**Chair:**  
Paul E. (Belgium)

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>14:00 – 14:05</td>
<td>Introduction.</td>
<td>Paul E. (Belgium)</td>
<td>Room 1C</td>
</tr>
<tr>
<td>14:05 – 14:13</td>
<td>The modelling of the process of social protection in health.</td>
<td>Bossyns P. (Belgium)</td>
<td>Room 1C</td>
</tr>
<tr>
<td>14:13 – 14:21</td>
<td>Health insurance and health care organisation in rural Senegal.</td>
<td>Ndèye Bineta M. (Senegal) and Sow K. (Senegal)</td>
<td>Room 1C</td>
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<tr>
<td>14:21 – 14:29</td>
<td>An initiative for social protection in health, and beyond: the equity fund in Mauritania.</td>
<td>Van Belle E. (Belgium)</td>
<td>Room 1C</td>
</tr>
<tr>
<td>14:29 – 15:05</td>
<td>The defence of patients’ rights through community organisation platforms.</td>
<td>Gyselinck K. (Belgium)</td>
<td>Room 1C</td>
</tr>
<tr>
<td>15:05 – 15:13</td>
<td>Critical reflections and debate.</td>
<td>Paul E. (Belgium)</td>
<td>Room 1C</td>
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<tr>
<td>15:13 – 15:30</td>
<td>Concluding remarks.</td>
<td></td>
<td>Room 1C</td>
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</table>

### Organised Session: Reproductive health and the politics of abortion.

**Organisers:**
Marte E. S. Haaland  
University of Bergen, Norway  
Getnet Tadele  
University of Addis Ababa, Ethiopia  
Richard Sambaiga  
University of Dar es Salaam, Tanzania  
Joseph Zulu  
University of Zambia SAFEZT–consortium

**Chairs:**  
Blystad A. (Norway) and Moland K.M. (Norway)

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<th>Time</th>
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<tr>
<td>14:00 – 14:05</td>
<td>Introduction.</td>
<td>Blystad A. (Norway) and Moland K.M. (Norway)</td>
<td>Room 3A</td>
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<tr>
<td>14:05 – 14:17</td>
<td>Shaping the abortion policy – Competing discourses on the Zambian Termination of Pregnancy Act.</td>
<td>Haaland M.E.S. (Norway)</td>
<td>Room 3A</td>
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<tr>
<td>14:41 – 14:53</td>
<td>‘An uneasy compromise’? Strategies and dilemmas in realizing a permissive abortion law in Ethiopia.</td>
<td>Getnet T. (Ethiopia)</td>
<td>Room 3A</td>
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<tr>
<td>14:53 – 15:25</td>
<td>When abortion is not within reach: Ethiopian university students struggling with unintended pregnancies.</td>
<td>Zenebe M. (Ethiopia) and Haukanes H. (Norway)</td>
<td>Room 3A</td>
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<td>15:41 – 15:53</td>
<td>Discussion.</td>
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<tr>
<td>14:00 – 15:30</td>
<td>Organised Session:SCIENCING and response systems in geospatial health.</td>
<td>Room 3B</td>
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<tr>
<td>14:00 – 14:05</td>
<td>Introduction.</td>
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<tr>
<td>14:05 – 14:15</td>
<td>Currently available geospatial surveillance systems for vector-borne diseases.</td>
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<tr>
<td>14:15 – 14:25</td>
<td>Use of low-cost GPS datalogging units in micro-epidemiological studies of schistosomiasis, loiasis and lymphatic filariasis in Sub-Saharan Africa.</td>
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<tr>
<td>14:25 – 14:35</td>
<td>An integrated approach to mapping urogenital schistosomiasis transmission risk for environmental control using GPS-captured water contact patterns in mothers and pre-school-aged children in Cameroon.</td>
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<tr>
<td>14:45 – 15:05</td>
<td>An integrated approach to mapping and control cystic echinococcosis at fine-geographical scale in southern Italy.</td>
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<td>15:15 – 15:30</td>
<td>Discussion.</td>
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<tr>
<td>16:00 – 16:08</td>
<td>Olorofim, an investigational orotomide antifungal agent with in vitro activity against Madurella mycetomatis.</td>
<td></td>
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<td>16:08 – 16:16</td>
<td>Field performance of the highly-sensitivity rapid diagnostic test in a setting of highly seasonal malaria transmission.</td>
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<td>16:16 – 16:24</td>
<td>High intermediate endemic prevalence of hepatitis B virus amongst febrile patients in Bangladesh, including evidence of occult infection.</td>
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<td>16:24 – 16:32</td>
<td>Disk diffusion and E-testing to determine the in vitro susceptibility of M. mycetomatis towards commonly used antifungal agents.</td>
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<td>034</td>
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<tr>
<td>16:32 – 16:40</td>
<td>School based clinical trials in low resource settings and factors associated with low intervention coverage: Lessons learned from the START-IPT trial.</td>
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<td>035</td>
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<tr>
<td>16:40 – 16:48</td>
<td>Field evaluation of automated digital malaria microscopy: EASYSCAN GO.</td>
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<tr>
<td>16:48 – 16:56</td>
<td>Liver health in HIV monoinfected and HIV/HBV coinfected individuals in Ghana.</td>
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<td>037</td>
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## Detailed Programme

### Tuesday 17 September 2019

**16:56 – 17:00**
Discussion.

### 16:00 – 17:00  Room 1B

**Track 1: Prevention**

#### 16:00 – 16:20
**038**
Using country-specific modelling of malaria interventions for national strategic planning.  
Runge M., Mohamed A., Mandike R., Molteni F., Snow R., Thaver S., Lengeler C., Smith T., Pothen E. (Switzerland, Tanzania, UK, Kenya & USA)

#### 16:20 – 16:40
**039**
Ipamü – a Madagascar-Germany partnership project aiming to investigate health care worker infections during the 2017 pneumonic plague outbreak.  
Kratz T., Andrianosolo R., Meurs L., Markus I.; Kolie D.; Rajenison M.; Rakoto Andrianarivelino M.; Malvy D.; Grunow R.; Razafimbia V. (Germany, Madagascar, Sweden, Guinea & France)

#### 16:40 – 17:00
**509**
A behavior change model for latrine construction and use in rural Côte d'Ivoire.  
Koffi A.V., Essé C., Koulou C., Yapi B.R., Moro M.H., Kouakou C., Bonfoh B., N’Goran K.E., Utzinger J., Raso G. (Côte d'Ivoire & Switzerland)

### 16:00 – 17:00  Room 1C

**Track 4: Health Systems**

#### 16:00 – 16:15
**040**
Bypassing of healthcare facilities among national health insurance scheme (NHIS) enrollees in Ibadan, South-West Nigeria.  
Oladimeji A., Adeniji F. (Nigeria)

#### 16:15 – 16:30
**041**
Effects of performance-based financing on health systems outcomes: Conclusive evidence or undue hype? A systematic review.  
Brugnara L., Marx M. (Germany)

#### 16:30 – 16:45
**042**
What can behavioural change analysis bring to the comprehensive understanding of performance-based financing sustainability? Exploration through the application of the I-change model on the case of Benin.  
Bodson O., Paul E. (Belgium)

### 16:00 – 17:00  Room 3A

**Track 5: Age-Related Care**

#### 16:00 – 16:20
**043**
A cross-sectional mixed-methods study of sexual and reproductive health needs, knowledge and access to services among refugee adolescent girls in the Nakivale refugee settlement, Uganda.  
Ivanova O., Rai M., Mishagwa W., Tumuhairwe J., Bakuli A., Nyakato V.N., Kemigisha E. (Germany & Uganda)

#### 16:20 – 16:40
**513**
Adolescent motherhood in low-and middle-income countries: Trends, determinants and inequalities.  
Huda M.M., O’Flaherty M., Finlay J., Mamun A.A. (Australia & USA)

#### 16:40 – 17:00
**044**
Increasing trends in adolescent childbearing among women in all educational groups in Zambia, but overall decline.  
Kampata L., Sandey I. (Norway & Zambia)

### 16:00 – 17:00  Room 3B

**Track 6: External Factors influencing Future Health**

#### 16:00 – 16:20
**045**
Assessing the impact of climate change on sleeping sickness in Zimbabwe using a geospatial model of tsetse population dynamics.  
Longbottom J., Lord J., Torr S. (UK)

#### 16:20 – 16:40
**046**
Malaria: Bad Air. Is climate a reliable predictor for Malaria case distributions in the Dominican Republic?  
Tapia L., Arredondo-Abreu C., Ruiz-Matuk C.B., Paulino-Ramirez R. (Dominican Republic)

#### 16:40 – 17:00
**047**
Human relevant ticks and tick-borne pathogens from migratory birds in southern and central Europe.  
**Detailed Programme**

**Tuesday 17 September 2019**

**Room 1A**

**Track 2: Treatment/Patient Care**

**Organised Session:**
High tech in low resource settings: Exploring promising approaches for capacity building.

**Organiser:**
NVTG Netherlands Society for Tropical Medicine and International Health (NVTG)

**Chairs:**
Zijlstra E.E. (The Netherlands) and Jurgens E. (The Netherlands)

17:00 – 17:10
Introduction.

17:10 – 17:20
Novel 3-dimensional scanning in the assessment of Post-Kala-Azar Dermal Leishmaniasis (PKDL).
Zijlstra E.E. (Switzerland)

17:20 – 17:30
Introducing ultrasound imaging in resource-limited settings to improve prenatal care.

17:30 – 17:40
From dummies to virtual reality glasses in Helping Babies Breathe (HBB) training in low resource settings: A demonstration.
Punt J. (The Netherlands)

17:40 – 17:50
The impact of short-term reconstructive surgical missions: A systematic review.
Rahmee C.N.S. (The Netherlands)

17:50 – 18:00
Hofland H. (The Netherlands)

18:00 – 18:30
Discussion, conclusions and recommendations.
van Dillen J. (The Netherlands)

**Room 1B**

**Track 1: Prevention**

17:00 – 17:20
District level malaria risk in mainland Tanzania: Developing a stratification approach for targeted malaria intervention strategies.
Thawer S., Mohamed A., Chacky F., Runge M., Mandike R., Mkude S., Pothin E., Snow R.W., Molteni F. (Tanzania, Switzerland, Kenya & UK)

17:20 – 17:40
Recurrence behaviour and relapse characteristics of Plasmodium ovale spp. in Gabon.

17:40 – 18:00
Another way of mapping malaria transmission intensity in Nigeria and beyond.

18:00 – 18:30
One-health or eco-health initiatives for the control of vector-borne zoonotic diseases: Not an easy task in complex diseases such as human fascioliasis.
Mas–Coma S., Bargues M.D. (Spain)

18:20 – 18:30
Discussion
### Organised Session: Tropical Medicine where to?

**Aim of the Session:**
We aim to organize a lively interactive roundtable on the future of tropical medicine as a medical specialty in the coming 10 to 20 years. Both the field of tropical medicine and the traditional tropical medicine societies (such as the Royal Society of Tropical Medicine and Hygiene and the Swiss Society of Tropical Medicine and Parasitology) will undoubtedly have to re-define themselves fundamentally in the coming decade.

**Organiser:**
Christian Lengeler
Swiss Society of Tropical Medicine and Parasitology (SSTMP) – official FESTMIH member organisation

**Chairs:**
Utzinger J. (Switzerland) and Adamczick C. (Switzerland)

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<tr>
<td>17:30 – 17:45</td>
<td></td>
<td>Exploring the gender-specific impact of educational film on maternal and child health knowledge and behaviour. A qualitative study in Serenje district, Zambia. Mweemba O., Smith H., Coombe H. (Zambia &amp; UK)</td>
</tr>
<tr>
<td>17:45 – 18:00</td>
<td></td>
<td>Spatial heterogeneity on the reduction of vaginal fistula burden in Ethiopia in 2005 and 2016 using national household survey data. Deribe K., Fronterre C., Dejene T., Biadgilign S., Deribew A., Abdullah M., Cano J. (Ethiopia, UK &amp; South Africa)</td>
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<td>17:00 – 17:10</td>
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<td>Introduction and presentation of the session. Tylleskär T. (Norway)</td>
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<td>17:55 – 18:10</td>
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<td>Molecular anthropology – What we can learn from Hans Rosling’s interdisciplinary way of conducting research in Africa. Tylleskär T. (Norway)</td>
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<tr>
<td>18:10 – 18:20</td>
<td></td>
<td>Discussion</td>
</tr>
<tr>
<td>18:20 – 18:30</td>
<td></td>
<td>Summary of present-day knowledge of Konzo and cassava toxicity. Tylleskär T. (Norway)</td>
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Posters

PS001
Clinical and epidemiological aspects of visceral leishmaniasis in Al Gadarif teaching hospital November 2018
Mohmed N.A.A. (Sudan)

PS002
Epidemiology of malaria in Kembata-Tembaro zone, Southern Ethiopia: A five year data analysis from 2011 – 2015
Addissie A., Lire A. (Ethiopia)

PS003
Relapsing fever cases surveillance data analysis from 2012 – 2016 in Addis Ketema Sub-city, Addis Ababa, Ethiopia
Nesga D., Addissie A. (Ethiopia)

PS004
Assessment of knowledge and behaviour of cardiovascular risk factors among adults in communities of North Tajikistan
Alamgir G., Karimova G., Mengiboyeva Z., Arigoni M., Matthys B., Prytherch H. (Tajikistan & Switzerland)

PS005
Increased education and control measures are needed to prevent malaria deaths in undeveloped countries such as Afghanistan and Pakistan
Ahmadzai S. (UK)

PS006
Risk factors for malnutrition among school-aged children: A cross-sectional study in rural Madagascar
Aiga H., Abe K., Andrianome V.N., Randramampionona E., Razafinambana A., Murali T., Hara M. (Japan, USA & Madagascar)

PS007
Determining the prevalence of soil transmitted helminths in soil samples in Ogun state using different method of concentration technique
Ajukwu C. (Nigeria)

PS008
The vector biology of ectoparasites on rodent from the Asir region of Saudi Arabia
Alghamdi S.Q., Alagaili A.N., Stekolnikov A.A., McGarry J.W., Darby A.C., Makepeace B.L. (UK, Saudi Arabia & Russia)

PS009
Variations in pre-vaccination platelet counts: data from the EBOVAC-Salone study in rural northern Sierra Leone

PS010
Who failed to meet to eligibility criteria in a vaccine trial in northern Sierra Leone, and why? Analysis of data from the EBOVAC-Salone study

PS011
Modelling the impact of dengue control intervention addressing hotspot transmission Santiago de Cuba, Cuba, 2010 – 2018
Baldouqni Rodríguez W., Gomes Padron T., Fonseca V. (Cuba)

PS012
Hepatitis C virus genotype 1 in Saudi Arabia: A future prediction and laboratory profile
Bawazir A., AlGhusri F., Jradh H., AlBalwi M., Gader A.G. (Saudi Arabia)

PS013
Knowledge, attitudes, and practices among Saudi women regarding cervical cancer, human papillomavirus (HPV) and corresponding vaccine
Jraid H., Bawazir A.A. (Saudi Arabia)

PS014
A hang-up and behaviour change communication campaign to improve bed net use: A pilot study from the locality of Baré - Bakem in Cameroon
Bekoli C.E., D’Arcy T. (Cameroon)

PS015
The tick cell biobank: Tick and other arthropod cell lines for tropical medicine research
Beil-Sakly A., Al-Khafaji A., Hartley C., Darby A., Baylis M., Makepeace B.L. (UK)

PS016
Leprosy after the elimination: Nepal experience from the university teaching hospitals
Bhattarai S., Rijal A., Marahatta S., Khadka A. (Nepal)

PS017
Reduced plasma concentrations of vitamin B6 and increased plasma concentrations of the neurotoxin 3-hydroxykynurenine are associated with nodding syndrome: A case control study in Gulu and Amuru districts, Northern Uganda
Obio J.H., Arony D.A., Wanyama R., Luuya M.K., Bodo B., Odong P.O., Otida M. (Uganda)

PS018
Identifying protein expression phenotypes in sepsis patients from austere settings using topological data analysis

PS019
Proteasome inhibition impairs chikungunya virus replication
López L., Archilla E., Parra S.J., Castellanos J.E., Caivo E.R. (Colombia)

PS020
Hotel sector engagement for larvae and mosquito surveillance in Algarve Region, Portugal: The Mosk.o. intervention protocol
Cancela M., Biodalo J., Gueriero N., Gueriero A.C. (Portugal)

PS021
Knowledge and preventive attitudes on visceral leishmaniasis among Brazilian dog owners: Report from a household survey
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**PS022**
Prevalence and associated factors of soil-transmitted helminth and food-borne trematode infections in rural Thailand: Multilevel regression analysis using Bayesian hierarchical regression modelling
Charoensakulchai S., Suwannakhrom P. (Thailand)

**PS023**
Effect of insecticide-treated bed nets on visceral leishmaniasis incidence in Bangladesh – A retrospective cohort analysis
Chowdhury R., Chowdhury V., Faria S., Akter S., Dash A.P., Bhattacharya S.K., Bem C., Akhter S., Boelaert M., Banu Q. (Bangladesh, India, USA & Belgium)

**PS024**
Assessment of knowledge, attitudes and practices towards kala-azar in an endemic district in Bangladesh – A cross sectional survey
Faria S., Chowdhury R., Islam M.S., Akter S., Islam M.M., Akhter S., Chowdhury V. (Bangladesh)

**PS025**
Investigating the relationship between insecticide resistance, underlying molecular mechanisms and malaria prevalence in Anopheles gambiae s.l. from Guinea
Collins E.L., Vasseli N.M., Sylva M., Beavogui A.H., Osborne J., Lawrence G., Ishir S., Walker T., Messenger L.A. (UK, Guinea & USA)

**PS026**
Seroprevalence of vaccine-preventable diseases in young African migrants recently arrived to Madrid, Spain

**PS027**
Observations and findings of training modules for biomedical technicians on maintenance and repair of medical devices in Sub-Saharan hospital settings
D’Haese L., Ntambwe A., Blanc-Gonnet C. (Belgium & France)

**PS028**
Sustainable containment of dengue outbreaks through comprehensive integrated approach

**PS029**
Testing a method of sampling for entomological determination of transmission of LF to inform treatment strategy in urban settings
Nollanchou R., Dixon R., Pum D., Isiyaku S., Nwosu C., Sandra S., Molynieux D. (Nigeria & UK)

**PS030**
Immunization approach “Reach Every District” when GAVI funding stops in Tandjoare, Togo
Djanda L., Kassankogno Y., Boko A.K., Lacie A., Thorneau P. (Togo & Egypt)

**PS031**
Permethrin resistant bed bugs (Cimex lectularius) can be killed by a combination of H2O2 fluid and permethrin – A synergistic effect as a light at the end of the tunnel
Duscher G.G., Hooft A., Battisti E., Boigenzahn S., Schwart T., Jaeger P., Lijphart D. (Austria)

**PS032**
Assessment of knowledge, attitudes and practices towards kala-azar in an endemic district in Bangladesh – A cross sectional survey
Faria S., Chowdhury R., Islam M.S., Akter S., Islam M.M., Akhter S., Chowdhury V. (Bangladesh)

**PS033**
Small-scale field evaluation of the efficacy and residual effect of Fludora® Fusion (mixture of clothianidin and deltamethrin) against susceptible and resistant Anopheles gambiae populations from Benin, West Africa

**PS034**
Video-enhanced WHO cone tests: Detailed insights from a 3-minute test

**PS035**
Improving detection of recent subclinical leptospirosis in high prevalence communities: Modelling the microscopic agglutination test (MAT) titre decay
Eyre M., Giorgi E., Costa F., Ko A., Diggle P.J. (UK, Brazil & USA)

**PS036**
Assessing the feasibility of malaria elimination? Research, mapping and surveillance laboratory data needs the feasibility of malaria elimination
Hutagalung J., Kusnanto H., Supanggiano, Sadewa A.H., Novijanti R., Garjo T.A. (Indonesia)

**PS037**
Cost-effectiveness analysis of the new pneumococcal conjugate vaccine in Cuba

**PS038**
Low immunization coverage in Gedeo zone, South Ethiopia: A community based cross sectional study
Hailu S., Asatkif A., Johansson K.A., Lindtjørn B. (Ethiopia & Norway)

**PS039**
Improving detection of recent subclinical leptospirosis in high prevalence communities: Modelling the microscopic agglutination test (MAT) titre decay
Eyre M., Giorgi E., Costa F., Ko A., Diggle P.J. (UK, Brazil & USA)

**PS040**
Improving detection of recent subclinical leptospirosis in high prevalence communities: Modelling the microscopic agglutination test (MAT) titre decay
Eyre M., Giorgi E., Costa F., Ko A., Diggle P.J. (UK, Brazil & USA)

**PS041**
Does malaria in pregnancy affect neurodevelopmental outcomes?
Gnaneswaran B., Contoy A., Madanitha M., Gichuru P., Kari K., Gladstone M.J. (UK, Canada & Malawi)

**PS042**
Spatio-temporal malaria case distribution in the presence of indoor residual spraying (IRS) at a plantation in southern Malawi
Hoek Spaans R., Stanton M.C., Jones C.M. (UK & Malawi)

**PS043**
Can Indonesia achieve malaria elimination? Research, mapping and surveillance laboratory data needs the feasibility of malaria elimination
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Epidemiology of visceral leishmaniasis among children in Gadarif hospital, eastern Sudan
Mohammed Ahmed A.A., Saeed M.O., Gamal K.A., AbdesAzeem A.A. (Sudan)

**PS045**
Analysis of Plasmodium falciparum Pfcrtr and Pfmdr1 genes in parasite isolates from asymptomatic individuals in Southeast Nigeria eleven years after withdrawal of Chloroquine

**PS046**
What is the status of Lassa fever vaccine development? A literature review and reflection from a tropical public health perspective
Ishola D.A. (UK & Sierra Leone)

**PS047**
Using a geographical information system (GIS) to monitor insecticide resistance status of malaria vectors in Pakistan

**PS048**
Mosquito alert Pakistan – A tool for surveillance and monitoring of malaria, dengue, chikungunya zika and West Nile disease vectors

**PS049**
Lassa-seroprevalence and its predictors in Faranah prefecture, Guinea: A cross-sectional survey
Jankhülter C.H., Maré Saez A., Magassouba N., Saropogbo C., Camara A., Günther S., Gabriel M., Fichtel-Caillet E., Borchert M. (Germany & Guinea)

**PS050**
Evaluation of rotavirus vaccine effectiveness against G1 and G2 strains possessing a DS-1-like genetic backbone in Malawian infants

**PS051**
A novel sputum cup to preserve and transport sputum for TB diagnosis

**PS052**
How to provide antimalarials to vulnerable children? A cost-effectiveness analysis of delivery modes for post-discharge malaria chemoprevention in southern Malawi
Kühl M.J., ter Kuile F., Phiri K., Robberstad B. on behalf of the PMC Consortium (Norway, UK & Malawi)

**PS053**
Predicting parents’ adherence to post-discharge malaria chemoprophylaxis - a multivariable prediction model for caregivers’ adherence to malaria prophylaxis for children in Malawi
Kühl M.J., ter Kuile F., Phiri K., Dhabangi A., Robberstad B. on behalf of the PMC Consortium (Norway, UK, Malawi, Kenya & Uganda)

**PS054**
A foundation doctor’s experience of developing educational resources to disseminate information about cholera and polio in conflict settings within the Eastern Mediterranean Region (EMR)
Kurian M., Bayed N. (UK)

**PS055**
Review of progress on country’s Action Plan on Antimicrobial Resistance in WHO African Region
Kuti O.O., Alori S. (Ghana & Nigeria)

**PS056**
Serotype distribution and susceptibility pattern of Streptococcus pneumoniae in Cuba: Cross sectional study pre-vaccine introduction
Torasio G., Linares-Pérez N., Toledo-Romani M.E., Arias-Portales I., Montes de Oca M., Mitabal Sosa M., Bonotto Gutiérrez S., Rodríguez Orta M., Luis-González I. (Cuba)

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Evaluating the dengue surveillance system in Santiago de Cuba: Key information for the developing an early warning system for arbovirus control
Linares Perez N., Baidoquim W., Gomez Padron T., Fonseca V., Gomez H.M., Popa Rosales J.C., Mitabal Sosa M., Toledo Romani M.E., Vanlerberghe V. (Cuba & Belgium)

**PS058**
The burden of pneumococcal disease estimation before the introduction of the new Cuban pneumococcal conjugate vaccine
Linares-Pérez N., Wiel B., Rodríguez M., Torario G., Toledo-Romani M.E. & Cuban Pneumococcal Project (Cuba & USA)

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Invertebrate hosts and epidemiological predictors of American tegumentary leishmaniasis in Brazil: A systematic review

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Factors associated with human visceral leishmaniasis occurrence: A case-control study in Central-Western Brazil

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Epidemiology of malaria and anaemia among school aged children in Tanzania

**PS062**
Prevalence of malaria parasitaemia in pregnant women and school aged children living in similar endemic setting of sub Saharan africa: A systematic review and meta-analysis
Malenga G., Menon S., Baraka V., Minja D.T., Nakato S., Francis F., Lusingu J.P., Van geertreyden J.P. (Tanzania & Belgium)

**PS063**
Host targets of the anthelmintic drug praziquantel
Park S.-K., McConry J.O., Marchant J.S. (USA)
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**PS064** Potential benefits of combining transfluthrin-treated sisal products and long-lasting insecticidal nets for controlling indoor-biting malaria vectors
Masalu J.P., Okumu F.O., Mmbando A.S., Siku-Lord Maggy T., Ogoma S.B. (Tanzania, South Africa, UK, Australia & USA)

**PS065** Biting risk and insecticide resistance in Culex Pipiens complex in rural South-Eastern Tanzania
Matowo N.S., Abbas S., Munhenga G., Tanner M., Mapua S.A., Oullo D., Koekemoer L.L., Kamidza E., Ngovu H.S., Coetzee M., Utzinger J., Okumu F.O. (Tanzania, Switzerland, UK, South Africa & Kenya)

**PS066** Pneumococcal vaccine for preventing Streptococcus pneumoniae infection for people who are HIV positive
Sadlier C., Matthews A., Bennett K., Mckelley D., Wilson F., Bergin C. (Ireland)

**PS067** High resolution insight into Hepatitis B virus epidemiology in Africa to inform on intervention strategies

**PS068** Current challenges and proposed solutions to the effective implementation of the RTS, S/AS01 malaria vaccine program in sub-Saharan Africa: A systematic review
Dimula C.A., Kika B.T., Kadja B.M., Blencowe H. (UK & Belgium)

**PS069** The laboratory assessment of behavioural and physiological responses of Anopheles gambiae to piperonyl butoxide
Mthawanji R., Foster G. (Malawi & UK)

**PS070** Implementation of the WHO hand hygiene strategy in Faranah Regional Hospital, Guinea
Müller S.A., Wood R., Toure O., Anvard M., Diallo M., Goncert M. (Germany & Guinea)

**PS071** A laboratory bioassay to evaluate insecticides as Indoor Residual Sprayed (IRS) wall treatments for malaria vector control
Murphy A., Matopo A., Sernya C., Voisinh V., Foster G., Towers C., Ranson H., Towers D., McCall P. (UK)

**PS072** Epidemiological profile of people with cholera according to the characteristics of health zone. DRC
Musungayi T.S., Mumbi M.G., Okilolonda Loseke V., Bomangue K.D., Muyembe-Tamfum J.J. (DRC)

**PS073** Impact of the indigo ice free vaccine system on routine immunization in Pay Konglia health zone, Democratic Republic of the Congo
Mumbi M.G., Okilolonda V., Hoff N.A., Rimon A., Masisa M., Okiloland W.E., Muyembe J.J. (DRC & USA)

**PS074** Tuberculosis and the spine: Moving to the understanding of the burden at Kigali university teaching hospital
Nelson N.K., Lewis K., Blaise N. (USA & Canada)

**PS075** Transfluthrin plastic shields for controlling outdoor malaria transmission
Ngوجه M., Hisson A., Sadzler A., Filinger U. (The Netherlands, Tanzania & Switzerland)

**PS076** Effectiveness of community versus facility delivery strategies on adherence to dihydroartemisinin-piperaquine for post-discharge malaria chemoprevention in management of severe anaemia in Malawian children
Nkosi-Gondwe T., Robbenstad B., Mukaka M., Ter Kide F.O., Banda S., Blumberg B., Phiri K.S. (Malawi, Norway, Thailand, UK & Kenya)

**PS077** Synthesis and evaluation of green solid lipid microparticulate mosquito repellent creams

**PS078** Development of a microsatellite typing assay for studying genetic variation in Madurella mycetomatis

**PS079** Possible amelioration of toxic effects of monosodium glutamate intoxication in rats by ethanol extract of Dacryodes edulis

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Osiy 1., Mofat S., Oeuvray C., Greco B. (Ghana & Germany)

**PS082** Ecology, distribution and risk of transmission of viral haemorrhagic fevers by Aedes mosquitoes around the port areas of Tema, southern Ghana

**PS083** Impact of ivermectin mass treatment for onchocerciasis on malaria vector population in Ogun State, Nigeria

**PS084** Improving early infant diagnosis among HIV exposed infants in South-South Nigeria: A quality improvement strategy in a resource limited setting
Onwubiko I.S., Okonkwo I., Adeniran A., Ezere N., Osu K., Uzoigwe C. (Nigeria)

**PS085** EDCTP and CEPI in partnership: Advancing vaccine development for Lassa fever in Africa
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Evaluation of risk communication on Zika virus transmission in Italy
Parodi P., Bellino S., Albonico M., Maraglino F., Rizzo C. (Italy)

**PS087**
Development, validation, and implementation of preclinical models of loiasis and onchocerciasis to identify candidate macrolinicial drugs

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Malaria detection in transfusion medicine: Comparison of molecular methods to optimise P. falciparum detection
Piubelli C., Pomari E., Perandin F., La Marca G., Moro L., Bisoffi Z. (Italy)

**PS089**
Non-secretor histo-blood group antigen phenotype is associated with reduced risk of clinical rotavirus vaccine failure in Malawian infants

**PS090**
Seroprevalence of anti-Toxoplasma gondii, rubella and cytomegalovirus antibodies in women of childbearing age treated in LEPAC/UEM (the northwest region of Paraná-Brazil), 2015 – 2016

**PS091**
Susceptibility and irritability of Anopheles stephensi malaria vector against insecticides for the indoor residual sprays: A field survey in Pakistan
Rana M.S., Ather S. (Pakistan)

**PS092**
Toward licensure of the first and future generations of live parasite Plasmodium falciparum sporozoite (PfSPZ) vaccines
Richie T.L., for the International PfSPZ Consortium (USA)

**PS093**
Chronology of the discovery of the autochthonous transmission of schistosomiasis in Corsica
Richter J. (Germany)

**PS094**
Abundance of phlebotomine sand flies in changing epidemiological settings of visceral leishmaniasis in Nepal
Roy L., Umar S., Cloots K., Van Bertel W., Das M.L., Boelaert M. (Nepal & Belgium)

**PS095**
Type of trematodes infecting freshwater snails in Maha Sarakham province, Thailand
Saipuntha W., Bunchom N. (Thailand)

**PS096**
Preliminary report on the status of schistosomiasis and different types of snail intermediate host with respect to elimination
Sam-Wobo S.O., Awoyale A. (Nigeria)

**PS097**
Epidemiological monitoring of the two last outbreaks of Yellow Fever in Brazil – An outlook from Portugal
Selemani I. (Portugal)

**PS098**
Establishment of a positive control to standardize the Avian influenza H5N1 reverse transcription recombinase polymerase amplification assay

**PS099**
Establishing sentinel sites to support Visceral Leishmaniasis elimination in India
Singh R.P Deb R.M., Srikantiah S., Mishra PK., Roy N., Sen PK., Trett A., Coleman M.C. (UK & India)

**PS100**
Molecular-epidemiological studies on pathways of transmission and long lasting capacity building to prevent cystic echinococcosis infection: Outline of PERITAS project
Tamarozzi F., Acosta-Jamett G., Lantiez E., Sank Kane S., Uchiyam L., Peteguer Prieto M.J., Siles-Lucas M., Casculli A. (Italy, Chile, Argentina, Peru & Spain)

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Prevalence of abdominal cystic echinococcosis in rural Bulgaria, Romania and Turkey: A cross-sectional, ultrasound-based, population study (HERACLES project)
Tamarozzi F., Akhan O., Cretu C.M., Vutova K., Fabiani M., Muhtarov M., Pezzotti P., Siles-Lucas M., Brunetti E., Casculli A. (Italy, Turkey, Romania, Bulgaria & Spain)

**PS102**
Potential risk factors associated with human cystic echinococcosis investigated through a semi-structured questionnaire during the ultrasound surveys of the HERACLES project
Tamarozzi F., Akhan O., Cretu C.M., Vutova K., Fabiani M., Pezzotti P., Siles-Lucas M., Brunetti E., Casculli A. (Italy, Turkey, Romania, Bulgaria & Spain)

**PS103**
Exploring the barriers and motivators encountered by healthcare workers (HCWs) in low- and middle-income countries (LMICs) in the implementation of tuberculosis infection prevention and control (TBIPC) measures and how they influence adherence: A systematic review
Tan C., Kallon I., Colvin C.J., Grant A. (UK)

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Molecular differentiation of Southeast Asian lung flukes, Paragonimus spp
Tantrawatpan C., Saipuntha W. (Thailand)
Morbidity and mortality trends following the implementation of vector control interventions: Seasonal malaria chemoprevention (SMC) and mass distribution campaign of mosquito nets in the north and far-north regions of Cameroon between 2015 – 2017

Tene L.N., Donfack O.T., Achu D. (Cameroon & Guinea)

Hotspots of dengue transmission in Santiago de Cuba: Retrospective analysis and prospective validation

Toledo Romani M.E., Mirabal M., Vanlerberghe V., Gomez Padron T., Popa Rosalies J.C., Valdez L., Castillo R.M., Van der Stuyf P. (Cuba & Belgium)

Nasopharyngeal colonization by Streptococcus pneumoniae in Cuban preschool children: Cross-sectional surveys before-after pneumococcal vaccination


The health of forest staff: A multi-site assessment at tiger reserves from Central India and Western Ghats

Gadre V., Trivedy C. (India & UK)

Important Aedes infestation levels in Kinshasa, Democratic Republic of Congo

Wat’senga T.F., Fassin S., Manzambi E.Z., Bisset J.A., Marquetti M.C., Van Biertel W., Vanlierbergh V. (DRC, Cuba & Belgium)

Ecological characterization of Aedes spp during the Yellow Fever epidemic in Angola, 2016

Marquetti M.C., Troco A., Cani P., Hidalgo Flores Y., Vanlierbergh V. (Cuba, Angola & Belgium)

Spatial and temporal distribution of two major arbovirus vectors Aedes aegypti and Aedes albopictus in Havana, Cuba, 2018

Marquetti M.C., Pérez M., Mendizábal M.E., Peraza I., Chamizo K., Bisset Laczano J., Leyva Silva M., Vanlierbergh V. (Cuba & Belgium)

Human T cell responses to Japanese encephalitis (JE) and JE vaccine

Turtle L., Subramaniam K., Moore S., Ravi V., Satchidanadam V., Kleneman P., Solomon T. (UK & India)

Original antigenic sin and Japanese encephalitis vaccination

Tatullo F., Venkatashwamy M., Ravi V., Desai A., Satchidanadam V., Solomon T., Turtle L. (UK & India)

Differential impact of mass and targeted deworming campaigns for schistosomiasis control in children: A systematic review and meta-analysis

Cribb D., Clarke N.E., Doi S.A., Nery S.V. (Australia & Qatar)

Does appreciative inquiry decrease false positive diagnosis during leprosy case detection campaigns in Bihar, India? An operational research study

Wagh A.N., Muguadlabetta S., Gutierrez N.O., Padebetu K., Pandey A.K., Pandey B.K., Thulasisingam M., Satyanarayana S., Dongre A. (Belgium, India & France)

Urbanisation and socio-ecological factors as main drivers for the ecology of Aedes aegypti and risk of transmission of arboviruses in Côte d’Ivoire

Zahoui B.Z.J., Koudou G.B., Müller P., Maione D., Utzinger J. (Côte d’Ivoire, Switzerland & UK)

Cervical cancer screening among marginalized tea women communities in Bangladesh

Zaman S., Doraiswamy S., Pumo N., Biswas A. (Bangladesh)

Diagnostic accuracy in the absence of laboratory capacity in rural Ghana

Zimmermann M.E., Krumkamp R., Lorenz E., Gaju Boahen K., Elbach D., Sampson N., Owusu-Dabo E., May J. (Germany & Ghana)

Effect of seasonal malaria chemoprevention in improving health of under five’s in the region of Cascade, Burkina Faso

Zuizen Z.R., Guiraud I., Kazenga A. (Burkina Faso & Belgium)

Important of socio-economic factors and environmental factors associated with malaria for Sub-Saharan African children

Mukendi Bikundi E., Coppieters Y. (Belgium)

Determinants of Bacille Calmette-Guérin vaccine skin reactions by 2-months and effects by skin reaction type and size on mortality between 2 and 1

Schatz-Buchholzer F. (Denmark)

Molecular detection of Dengue fever virus in patients suspected of Ebola Virus Disease in Ghana


List of candidate items for protocols of observational studies: A scoping review

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Gastro-intestinal helminths of free-ranging vervet monkeys (Chlorocebus pygerythrus) in Huye town, Rwanda – Call for one health approach
Gashururu R., Mutabazi I., Mindje M. (Rwanda)

PS125
Semi-domesticated dogs as potential reservoirs for zoonotic hookworms in Bangkok, Thailand
Inpankaew T., Wongwisigkan J., Phoosangwalthong P. (Thailand)

PS126
Zoonotic tuberculosis in high risk groups in Ethiopia

PS127
Multiresistant E. coli and Salmonella spp in poultry litter in an urban area setting in Cameroon
Ngogang Djobet M.P., Ngogang J., Wade A., Van der Sande M.A.B. (Belgium, Cameroon & The Netherlands)

PS128
A systematic review on the extent and different ways climate change acts as a threat multiplier in the Lake Chad Basin Region

PS129
One Health regional network for the Horn of Africa

PS130
Scaling up One Health research and surveillance using the Health and Demographic Surveillance System (HDSS) platform in Ethiopia

PS131
Biofertilizers and phyto remediation: Uptake of PHEs in tomato seedlings grown in Krugersdorp mine soil

PS132
A new mechanistic system-based approach for assessing the transmission of human fascioliasis across endemic areas
Beitrame L., Wagener T., Vickerman P., Morgan E., Bargues M.D., Mai-Coma S. (UK & Spain)

PS133
eRegCom: Communication strategies to healthcare providers and women from an electronic maternal and child health registry – A protocol for cluster randomized controlled trial

PS134
“Without antibiotics, I cannot treat” – A mixed methods study of knowledge, attitudes, and practices related to antibiotic use in West Bengal, India
Nar M., Tripathi S., Mazumdar S., Mahajan R., Harshana A., Pereira A., Jimenez C., Haider D., Burza S. (India & Spain)

PS135
Assessment and perception of urban and rural food environments in South Africa

PS136
Spatio-temporal dynamics of measles in the province of Western Kasai in Democratic Republic of Congo (DRC) from 2000 to 2014
Dilubenu S.D., Bigirimana N.R., Bompongue K.D., Muyembe-Tamfum J.J (DRC)

PS137
Links between soil composition and podocniosis occurrence and prevalence in Cameroon
Gislam H., Burnside N.G., Brolly M., Denibe K., Davey G. (UK & Ethiopia)

PS138
Lagos, mega city of slums: The ecology of ill-health in unhealthy communities
Olatunde O.A., Oluferi O.A. (Canada & Nigeria)

PS139
Sustainable, healthy cities: Protocol of a mixed methods cluster randomized controlled trial for Aedes control in Brazil (COESA)
## Programme by day

### Wednesday 18 September 2019

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<td>10:00 – 11:30 527 / p.080 Schistosomiasis control through the ages</td>
<td>10:00 – 11:30 530 / p.080 Next Generation Nets</td>
<td>10:00 – 11:30 073 / p.081 Contrasting Health Policy and Systems Research (HPSR) in different low and middle income country contexts and discussion on priorities for future global HPSR</td>
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<td>11:30 – 11:45 077 / p.082 Diagnosis of genito-rectal schistosomiasis in a female traveller 8 years after exposure</td>
<td>11:30 – 11:50 079 / p.082 Modelling the impact of pyrethroid resistance on the mass community effect of long-lasting insecticide treated nets</td>
<td>11:30 – 11:50 082 / p.083 The place of the “pharmacy” and “drug sellers” in low- and middle- income countries: A scoping review</td>
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<td>11:45 – 12:00 528 / p.082 The impact of mass drug administration in combination with indoor residual spraying on malaria burden in a high transmission setting in Uganda</td>
<td>11:50 – 12:10 080 / p.082 The effects of insecticidal bed nets on insecticide resistant mosquito host seeking and blood feeding behaviour</td>
<td>11:50 – 12:10 531 / p.083 Capacity of Tanzanian district level health facilities in providing surgical services</td>
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<td>12:00 – 12:15 529 / p.082 Effectiveness of peer supervision in enhancing rational use of selected drugs among registered private drug shop operators in Busoga region, Uganda</td>
<td>12:10 – 12:30 081 / p.083 Relationships between abundance of early instar larvae in aquatic habitats and oviposition in the malaria vector anophelines arabiensis using genotypic reconstruction of sibling groups</td>
<td>12:10 – 12:30 532 / p.083 How do you effectively facilitate health systems interventions? Lessons from a management strengthening intervention in Uganda, Ghana and Malawi</td>
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<td>Knowledge Hub - workshops with RSTMH and NNN (see app) and satellite symposium (see pages 146 for details)</td>
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<td></td>
<td>10:00 – 11:30 533 / p.081 Innovative approaches to improving maternal health in cities</td>
<td>10:00 – 11:30 534 / p.082 Choosing a healthier future: Urban decision-making for people and planet</td>
<td>10:00 – 10:45 Welcome to Day Two and Vice-Presidents Address</td>
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<tr>
<td>10:45 – 11:30</td>
<td><strong>Panel discussion</strong></td>
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<td></td>
<td>11:30 – 12:10 086 / p.083 Observational study of visceral leishmaniasis in pregnancy in South Sudan: Maternal and pregnancy outcomes</td>
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<td>11:30 – 12:30</td>
<td><strong>Oral session</strong></td>
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<td><strong>Facilitated discussion group</strong></td>
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<td>12:00 – 12:30</td>
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<td>11:35 – 12:35 One Health and Delivery of Healthcare – facilitated discussion groups</td>
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<tr>
<td>12:30 – 14:00</td>
<td>Knowledge Hub - workshops with RSTMH and NNN (see app) and satellite symposium (see pages 146 for details)</td>
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# Programme by Day

## Wednesday 18 September 2019

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<tr>
<td>14:00 – 15:30</td>
<td><strong>Oral session</strong></td>
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<td>14:00 – 14:15</td>
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<td><strong>Uncovering the hidden: Surveillance of the emergence of anthelmintic</strong></td>
<td><strong>Autodissemination of pyriproxyfen suppress a stable population of</strong></td>
<td><strong>District health management and its association with district performance:</strong></td>
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<td></td>
<td><em>resistance in human population with soil-transmitted helminths in southern Mozambique</em></td>
<td><strong>Anopheles arabiensis under semi-controlled settings</strong></td>
<td><strong>A study of six districts in the eastern region of Ghana</strong></td>
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<tr>
<td>14:15 – 14:30</td>
<td><strong>089 / p.083</strong></td>
<td><strong>094 / p.084</strong></td>
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<td></td>
<td><strong>A major hurdle in the elimination of urogenital schistosomiasis revealed:</strong></td>
<td><strong>High levels of copy number variation in metabolic insecticide resistance</strong></td>
<td><strong>Perceptions of care and treatment of people living with HIV/AIDS in Bihar: A qualitative study from India</strong></td>
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<td><strong>Identifying communities and health workers’ perceptions and experiences of Female Genital Schistosomiasis in Ghana</strong></td>
<td><strong>genes in malaria mosquitoes</strong></td>
<td><strong>100 / p.084</strong></td>
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<tr>
<td>14:30 – 14:45</td>
<td><strong>091 / p.084</strong></td>
<td><strong>096 / p.084</strong></td>
<td><strong>102 / p.084</strong></td>
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<td></td>
<td><strong>Challenges in achieving elimination of lymphatic filariasis hotspots in Sierra Leone</strong></td>
<td><strong>Measuring the interaction of mosquitoes with biocide products using 3D infrared video tracking</strong></td>
<td><strong>Post-university specialty training (PUST) of family doctors in Tajikistan</strong></td>
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<tr>
<td>14:45 – 15:00</td>
<td><strong>092 / p.084</strong></td>
<td><strong>107 / p.084</strong></td>
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<td></td>
<td><strong>Cryptosporidium diarrosis in adult patients at Queen Elizabeth Central Hospital, Blantyre, Malawi</strong></td>
<td><strong>14:45 – 15:00</strong></td>
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<td>15:00 – 15:15</td>
<td><strong>093 / p.084</strong></td>
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<td><strong>Antibiotic resistance pattern of urinary tract infections in a facility in Ethiopia: Experience of a clinician</strong></td>
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<td><strong>098 / p.084</strong></td>
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<tr>
<td>15:30 – 16:00</td>
<td><strong>Break</strong></td>
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**Timing**

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<th>Timing</th>
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<tr>
<td>14:00 – 15:30</td>
<td><strong>Organised session</strong></td>
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<td></td>
<td><strong>Multimorbidity: Research challenges and opportunities at the interface of infectious and non-communicable diseases in low- and middle-income countries</strong></td>
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<td><strong>538 / p.086</strong></td>
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**Timing**

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<tr>
<td>15:30 – 16:00</td>
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<td>Timing</td>
<td>Room 3A</td>
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<tr>
<td>14:00 – 15:30</td>
<td><strong>Organised session</strong>&lt;br&gt;14:00 – 15:30&lt;br&gt;539 / p.085&lt;br&gt;Quality of Care for women and adolescent girls – From policy to practice, or the other way around?</td>
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<tr>
<td>15:30 – 16:00</td>
<td><strong>Break</strong></td>
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## Programme by Day

### Wednesday 18 September 2019

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<tr>
<td>16:00 – 16:08</td>
<td>Oral session: Prolonged and persistent diarrhoea in children: A case-control study in Ethiopia</td>
<td>16:00 – 16:20</td>
<td>Oral session: Costing of an integrated approach for Human African Trypanosomiasis (HAT) case finding in the Democratic Republic of the Congo</td>
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<td>16:08 – 16:16</td>
<td>Oral session: Epidemiological and clinical profile of immunosuppressed patients with imported strongyloidiasis: A substudy from a larger cohort of the +REDIVI Spanish collaborative network</td>
<td>16:20 – 16:40</td>
<td>Oral session: Tsetse control in g-HAT foci: For how long and how to stop?</td>
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<td>16:32 – 16:40</td>
<td>Oral session: Seroprevalence study of anti-Ebolavirus (EBOV) immunoglobulin G (IgG) at the index site of 2013 – 2016 West African EBOV outbreak: Insight into early transmission and case fatality rate</td>
<td>16:40 – 17:00</td>
<td>Oral session: Test and treat campaign: Adult individuals as a source of Schistosoma mansoni infection in fishing communities of Tumela and Nyamagana municipalities; north-western Tanzania</td>
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<td>16:48 – 16:54</td>
<td>Oral session: Diagnostic accuracy of c-reactive protein and procalcitonin determination for the identification of bacterial infections in patients with persistent fever in the tropics</td>
<td>16:00 – 18:30</td>
<td>Organised session: Towards the ‘endgame’ for Neglected Tropical Diseases: The role of modelling to achieve control, transmission break, and elimination</td>
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<tr>
<td>17:00 – 18:30</td>
<td>Organised session: Sleeping sickness elimination, challenges ahead in the Democratic Republic of the Congo</td>
<td>17:00 – 18:30</td>
<td>Organised session: Responding to the health needs of migrants and refugees: We have the toolbox, we only need to open it</td>
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**Wednesday 18 September 2019**

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<tr>
<td>16:00 – 17:00</td>
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<td><strong>Oral session</strong></td>
<td><strong>Feedback sessions continued</strong></td>
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<td>16:00 – 17:00 129 / p.087 Beyond 2020 with Neglected Tropical Diseases: Leaving no one behind in the journey to 2030</td>
<td>16:00 – 16:20 130 / p.087 eLearning solution for capacity strengthening of health professionals: The experience of Guinea</td>
<td>16:00 – 16:30 548 / p.000 Feedback from surveillance group discussions</td>
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<td><strong>Super panel</strong></td>
<td><strong>Conclusions and close</strong></td>
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<td>16:00 – 16:40 546 / p.087 Going digital: Added value of electronic data collection for large-scale household surveys</td>
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<td>17:00 – 18:30</td>
<td><strong>Oral session</strong></td>
<td><strong>Organised session</strong></td>
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<td></td>
<td>17:00 – 17:20 136 / p.089 Barriers to facility-based delivery in post-Ebola Sierra Leone</td>
<td>17:00 – 18:30 547 / p.090 Advocacy networks addressing Neglected Tropical Diseases in Europe and beyond – An impressive recent approach of solidarity with the most neglected people worldwide</td>
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<td>17:20 – 17:40 137 / p.089 Effect of preoperative bicarbonate infusion on maternal and perinatal outcomes of obstructed labour in Mbale regional referral hospital; A study protocol for a randomised controlled trial</td>
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<td></td>
<td>17:40 – 18:00 138 / p.089 “It’s an obsolete practice”: Perceptions of symphysiotomy among health workers in North Gondar zone, Ethiopia</td>
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**WEDNESDAY**

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<td>07:00 – 08:00</td>
<td>ECTMIH pre-plenary seminars</td>
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<td>08:00 – 09:30</td>
<td>ECTMIH Plenary session – main auditorium</td>
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<td>09:30 – 10:00</td>
<td>Break</td>
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<tr>
<td>10:00 – 10:15</td>
<td>Welcome to day two</td>
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<tr>
<td>10:15 – 10:45</td>
<td>Session 1: RSTMH Vice Presidents address</td>
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<tr>
<td>10:45 – 11:35</td>
<td>Session 2: Introduction to One Health and delivery of healthcare</td>
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<tr>
<td>11:35 – 12:35</td>
<td>Session 2 continued: One Health and delivery of healthcare – facilitated discussion groups</td>
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<tr>
<td>12:35 – 14:00</td>
<td>Lunch</td>
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<tr>
<td>14:00 – 14:30</td>
<td>Session 3: Turbo talks on One Health and healthcare delivery</td>
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**Session 1: RSTMH Vice Presidents address**
Chair: Tamar Ghosh, Chief Executive, Royal Society of Tropical Medicine & Hygiene
Dr Wendy Harrison, Executive Director, Schistosomiasis Control Initiative

**Session 2: Introduction to One Health and delivery of healthcare**
Panel discussion on the challenges and opportunities presented through co-ordinated delivery of healthcare and the evidence of benefits and optimised practices, seen from various angles including economics, social sciences, and technological advances
Chair: Professor Sarah Cleaveland, Professor of Comparative Epidemiology, University of Glasgow
Alicia Davis, Lecturer in Global Health, University of Glasgow
Dr Christie Peacock, Founder, Sidai Africa
Dr Cathy Roth, Senior Research Fellow – Infectious Diseases, Department for International Development (DFID)
Professor Esther Schelling, Programme Director, Vétérinaires sans Frontières Suisse

**Session 2 continued: One Health and delivery of healthcare – facilitated discussion groups**
An opportunity to discuss the themes from the panel in detail. A set of questions will be provided for groups to discuss. Feedback from this session will be given to the super panel to explore at the end of the meeting and inform RSTMHs ongoing work on One Health
Chair: Professor Sarah Cleaveland, Professor of Comparative Epidemiology, University of Glasgow

**Session 3: Turbo talks on One Health and healthcare delivery**
A series of five minute presentations
Chair: Professor David Lalloo, Director, Liverpool School of Tropical Medicine

- **A proof-of-principle integrated health delivery platform, targeting soil transmitted helminths (STH) and caninemediated human rabies, results in cost savings and increased breadth of treatment coverage for STH in remote rural communities in Tanzania**
  Felix Larkaster (USA/Tanzania)

- **Evaluation of barriers to post-exposure prophylaxis in Blantyre, Malawi using a mixed methods approach**
Sarah Stokes (UK/Malawi)

- **The need to improve access to rabies postexposure vaccines: lessons from Tanzania**
Joel Changalucha (Tanzania)

- **Management and control of ticks and tickborne diseases affecting cattle by communal farmers in Zimbabwe**
Marvelous Sungira (Zimbabwe)

- **Healthy animals, healthy people: exploring agropastoral health seeking behaviours in response to febrile illness in northern Tanzania**
Jennika Virhia (UK/Tanzania)
Programme by Day

Wednesday 18 September 2019

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<tr>
<td>14:30 – 15:00</td>
<td><strong>Session 4: Turbo talks on general One Health</strong></td>
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<td></td>
<td>A series of five minute presentations</td>
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<td><strong>Chair:</strong> Professor Ab Osterhaus, Chair, One Health Platform</td>
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<tr>
<td></td>
<td>A dynamic model of bovine brucellosis in Punjab, India</td>
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<td>Hannah Holt (UK/India)</td>
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<td>Zoonoses research in the Horn of Africa: A scoping review</td>
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<td>Lisa Cavalerie (Ethiopia)</td>
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<td>Integrating spatial – explicit data and models to inform disease control interventions at the</td>
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<td>wildlife-livestock interface: the case of human and animal</td>
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<td>African trypanosomiasis in Serengeti, Tanzania</td>
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<td>Jennifer Lord (UK/Tanzania)</td>
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<td>The association of Buruli Ulcer Disease endemicity with major climatic, epidemiological</td>
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<td>and socio-environmental factors: a geospatial analysis from southern Nigeria</td>
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<td>Saskia Kreibich (Germany)</td>
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<td>15:00 – 15:30</td>
<td><strong>Session 5: Feedback sessions</strong></td>
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<td>Feedback from surveillance group discussions</td>
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<td><strong>Chair:</strong> Professor Chris Whitty, Chief Scientific Adviser for the Department of Health and</td>
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<td>Social Care</td>
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<td>15:30 – 16:00</td>
<td>Break</td>
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<td>16:00 – 16:30</td>
<td><strong>Session 5 continued: Feedback sessions</strong></td>
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<td>Feedback from delivery of healthcare group discussions</td>
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<td>16:30 – 18:00</td>
<td><strong>Session 6: Super-panel response and discussion</strong></td>
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<td>What is the role of RSTMH in Delivering One Health?</td>
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<td><strong>Chair:</strong> Professor Chris Whitty, Chief Scientific Adviser for the Department of Health and</td>
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<td>Dr John Amuasi, Executive Director, African Research Network for Neglected</td>
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<td>Tropical Diseases (ARNTD) and Co-Chair of the Lancet One Health Commission</td>
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<td>Dr Graeme Cooke, Deputy Chief Veterinary Officer, Department of Environment, Food and</td>
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<td>Rural Affairs (DEFRA)</td>
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<td>Professor David Molyneux, Editor in Chief, RSTMH International Health</td>
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<td>Professor the Lord Sandy Trees, Crossbench member of the House of Lords</td>
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<td>Professor Charlotte Watts, Chief Scientific Adviser, Department for International Development</td>
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<tr>
<td>18:00</td>
<td><strong>Conclusions and close of meeting</strong></td>
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Plenary

Wednesday 18 September 2019

08:00 – 09:30  Room 1 – The Auditorium

08:00 – 08:40
Keynote

Topic – How do we make sure research results do not become the next Fake news

Keynote speaker:
Professor Peter Hotez
Professor of Pediatrics and Molecular Virology & Microbiology at Baylor College of Medicine

08:40 – 09:30
Panel discussion

Topic – The future of research and development

Chair:
Dan Bausch
Director of the United Kingdom Public Health Rapid Support Team (UK-PHRST), LSHTM

Panel members:
Dr John Amuasi
Executive Director, African Research Network for Neglected Tropical Diseases (ARNTD) and Co-Chair of the Lancet One Health Commission

Professor Janet Hemingway
Professor of Vector Biology at LSTM

Precious Lunga
CEO and Co-Founder Baobab Circle

Dr Jutta Reinhard-Rupp
Head of the Global Health Institute, Switzerland

Dr Allan J Saul
Institute Director of GSK Vaccines Institute for Global Health

Nathalie Strub-Wourgaft
Director, Neglected Tropical Diseases, DNDi
Professor Peter Hotez
Professor of Pediatrics and Molecular Virology & Microbiology at Baylor College of Medicine

Peter is the founding Dean of the National School of Tropical Medicine and a professor of Pediatrics and Molecular Virology & Microbiology at Baylor College of Medicine, where he is also the Texas Children’s Hospital Endowed Chair of Topical Pediatrics.

He also services as Director of Texas Children’s Hospital Center for Vaccine Development, and the Baker Institute Fellow in Disease and Poverty at Rice University.

Professor Hotez’s research focuses on developing vaccines for neglected tropical disease such as hookworm infection, schistosomiasis, and Chagas disease. These diseases affect hundreds of millions of children and adults worldwide. A renowned global health advocate, Professor Hotez co-founded the Global Network for Neglected Tropical Diseases in 2006 as part of the Clinton Global Initiative. The Global Network for Neglected Tropical Diseases provides access to essential medicines for more than 450 million people.

He has also written op-eds and editorials for The New York Times, Los Angeles Times, Washington Post, and the Huffington Post. In 2014 he was selected by the US State Department and White House and US Science Envoy, focusing on science and vaccine diplomacy for the Middle East and North Africa. Peter Hotez is an Editorial Adviser for Transactions of the Royal Society of Tropical Medicine and Hygiene.

Dan Bausch
Director of the United Kingdom Public Health Rapid Support Team (UK-PHRST), LSHTM

Daniel Bausch is the Director of the United Kingdom Public Health Rapid Support Team (UK-PHRST), a joint effort by Public Health England and the London School of Hygiene and Tropical Medicine to respond and conduct research to prevent and control outbreaks of dangerous infectious diseases around the world. He is trained in internal medicine, infectious diseases, tropical medicine, and public health. Dr. Bausch specializes in the research and control of emerging tropical viruses, with over 20 years’ experience in sub-Saharan Africa, Latin America, and Asia combating viruses such as Ebola, Lassa, hantavirus, and SARS coronavirus. He places a strong emphasis on capacity building in all his projects and has a keen interest in the role of the scientist in promoting health and human rights.
Dr. John Amuasi
Executive Director, African Research Network for Neglected Tropical Diseases (ARNTD)

Dr. Amuasi is a member of faculty at the Global Health Department of the School of Public Health, KNUST and also Group Leader of the Global Health and Infectious Diseases Research Group at the Kumasi Center for Collaborative Research in Tropical Medicine which hosts the Secretariat of the African Research Network for Neglected Tropical Diseases (ARNTD) of which he is the Executive Director.

Dr. Amuasi trained as a physician at the KNUST School of Medical Sciences, and later graduated from the University of Minnesota School of Public Health, USA, with post-graduate degrees terminating in a PhD in Health Research and Policy. He also served as head of the R&D Unit at the 1,000-bed Komfo Anokye teaching Hospital in Kumasi, Ghana for 3 years from 2007 – 2010.

Dr. Amuasi has consulted for several international organizations and is passionate about research that focuses on improving health systems, services and outcomes, including policy analyses using both primary and secondary data in low and middle-income countries. His research currently involves field epidemiologic studies on cryptosporidiosis, malaria, snakebite and other neglected tropical diseases. Dr Amuasi is also at the fore-front of global efforts towards addressing emerging and re-emerging infectious diseases and serves as an Executive Committee member of the African Coalition for Epidemic Research, Response and Training (ALERRT). Dr. Amuasi co-chairs the Lancet One Health Commission.

Professor Janet Hemingway
Professor of Vector Biology at LSTM

Janet is also a Senior Technical Advisor on Neglected Tropical Diseases for the Bill and Melinda Gates Foundation, and has 38 years’ experience working on the biochemistry and molecular biology of specific enzyme systems associated with xenobiotic resistance.

Professor Hemingway was appointed the Director of LSTM in 2001 and stepped down on 1st January 2019, having overseen a period of exceptional growth of the organisation. This included the awarding of Higher Educational Institution Status & Degree Awarding powers to LSTM. This new status will facilitate expansion of both the research and teaching activities going forward.

Professor Hemingway was awarded the Commander of the British Empire (CBE) for services to the Control of Tropical Disease Vectors 2012. We look forward to hosting Professor Hemingway at the Congress.
Dr Precious Lunga is CEO and Co-Founder of Baobab Circle, an award-winning technology company using an AI-powered platform to deliver personalised management of diabetes and hypertension across Africa. She was previously at Econet Wireless where she established Econet Health and launched several services including the HealthTips platform which acquired more than 750,000 paying users within its first year. Prior to joining Econet she was Strategic Advisor to the Children’s Investment Fund Foundation. Precious has worked as an epidemiologist across Africa and at UNAIDS Geneva. She sits on the boards of the London School of Hygiene and Tropical Medicine and Grassroots Soccer UK. Precious has a PhD in Neuroscience from Cambridge University and is a Yale World Fellow.

Dr Jutta Reinhard-Rupp
Head of the Global Health Institute, Switzerland

Jutta drives the strategy of the institute and sits on the front line in the dialogue with key stakeholders within the Global Health Community. She serves as scientific advisor at various boards, including CouNTDown in the UK and EDCTP, the European & Developing Countries Clinical Trials Partnership, and co-chairs the Merck Bioethics Advisory Panel.

She also acts as a visiting professor and Virtual Global Biomedical Faculty member at the African Institute of Biomedical Science and Technology (AIBST) in Zimbabwe. Since January 2008, Jutta has been working at Merck in Italy and in Switzerland with responsibilities on the implementation of key strategic initiatives in drug discovery and development; she led the internal IMI (Innovative Medicine Initiatives) office and activities (European public-private partnerships) and initiated the global health portfolio at Merck leading to the creation of the Merck Global Health Institute in 2017.

Jutta studied Biology in Mainz and Tübingen and received her PhD at the Max-Planck Institute in Tübingen. After her postdoctoral training, she joined biopharmaceutical industries in various assignments within increasing responsibilities.
Plenary

Wednesday 18 September 2019

Dr Allan J Saul
Institute Director of GSK Vaccines Institute for Global Health – GVGH

GVGH develops effective and affordable vaccines for high-burden neglected diseases of impoverished countries. At GVGH, Dr Saul oversees development of conjugate typhoid and Paratyphi A vaccines, a subunit vaccine for Group A streptococcus, GMMA vaccines for shigella and invasive nontyphoidal salmonella. The GMMA technology, developed at GVGH, which uses genetic engineering to generate high yields of easily purified bacterial outer membrane blebs, offers particular promise for bacterial diseases of low-income countries.

Prior to this appointment, he lead programmes in the development of vaccines for malaria, in malaria biology, epidemiology and control in laboratory programmes in Australia and the USA and in field programmes in many countries in Asia and Africa, and in particular, in Papua New Guinea, China, The Philippines and Mali.

He had previous appointment as the Co-Branch Chief for the Malaria Vaccine Development Branch, NIAIH, NIH in the USA and a joint appointment as a Unit Head at the Queensland Institute of Medical Research and Professor at the University of Queensland. Allan Saul was trained in Biochemistry and Organic Chemistry at the University of Queensland, Australia. In addition to his direct role in vaccine development he has broad interests in pathogen biology, biochemistry, immunology and computer modelling of disease transmission.

Nathalie Strub-Wourgaft
Director of Neglected Tropical Diseases, DNDi

Dr Nathalie Strub-Wourgaft joined DNDi as Clinical Development Director in February 2009 and is now the Director of Neglected Tropical Diseases.

Dr Strub-Wourgaft, who most recently served as Director, Clinical Development at Trophos, has over 15 years of clinical development experience, including with Pfizer from 2000 to 2003, and Lundbeck from 1995 to 1999. She also served as Medical Director for a CRO from 2004 to 2005 as well as for the French office of Aspreva from 2005 to 2008.

Dr Strub-Wourgaft graduated as Medical Doctor from Necker Hospital, Université René Descartes in Paris in 1983.
## Detailed Programme

**Wednesday 18 September 2019**

### Track 2: Treatment/Patient Care

**Organised Session:** Schistosomiasis control through the ages.

**Organiser:**
Global Schistosomiasis Alliance (GSA)

**Chairs:**
Stothard J.R. (UK) and Reinhard–Rupp J. (Switzerland)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>10:00 – 10:15</td>
<td>Paediatric praziquantel: Randomised clinical trials in Côte d'Ivoire. N’Goran E.K (Cote d’Ivoire) on behalf of the Pediatric Praziquantel Consortium</td>
</tr>
<tr>
<td>10:15 – 10:30</td>
<td>Innovative approaches to schistosome control in pre-school age children: Applying lessons from immunology Osakunor D.N.M. (UK)</td>
</tr>
<tr>
<td>10:30 – 10:45</td>
<td>Possible mechanisms of HIV susceptibility in reproductive-aged women with schistosome infections Downs J.A. (USA &amp; Tanzania)</td>
</tr>
<tr>
<td>10:45 – 11:00</td>
<td>The contribution of pre-school-aged children and adults to Schistosoma mansoni transmission in high endemic communities Faust C.L. (UK)</td>
</tr>
<tr>
<td>11:00 – 11:15</td>
<td>Pathologies associated with male genital schistosomiasis and efficacy of praziquantel treatment in Malawian fishermen Kayuni S.A. (UK &amp; Malawi)</td>
</tr>
</tbody>
</table>

### Track 1: Prevention

**Organised Session:** Next Generation Nets.

**Chair:**
Janet Hemingway (UK)

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>10:00 – 10:15</td>
<td>Second generation LLIN to control resistant mosquitoes: Interceptor G2. Susanne Stutz, Germany</td>
</tr>
<tr>
<td>10:30 – 10:45</td>
<td>The impact of PBO LLINs in area of high transmission and resistance: An operationally embedded RCT in Uganda. Amy Lynd, UK</td>
</tr>
<tr>
<td>10:45 – 11:00</td>
<td>Critical decision making and fighting insecticide resistance in malaria prevention. Sherratt P. (UK)</td>
</tr>
<tr>
<td>11:00 – 11:15</td>
<td>Indoor residual spraying for malaria control: Past, present and ….does it have a future? Invest J. (UK)</td>
</tr>
</tbody>
</table>

**Discussion**
### Organised Session: Health Systems

**Purpose of the Session:**
For LMIC researchers working in partnership with UK to present and to compare the approaches, findings and challenges of undertaking health policy and systems research (HPSR) across different contexts within LMICs i.e. informal settings, fragile states, low resourced compared to middle-income countries. Through presentations and a panel discussion to share learning on context relevant approaches to improve health services, integrate systems and apply policy research to inform health service delivery in different contexts. To share findings of a consultation exercise to identify priorities for global HPSR and a panel discussion priorities emerging for health policy and systems research in LMICs and how best to address them.

**Organisers:**
Sarah Puddicombe  
Global Health Research programmes, NIHR Evaluation Trials and Studies Co-ordinating Centre, University of Southampton, Southampton, UK  
Val Snewin  
Global Health Research Partnerships, Science, Research and Evidence Directorate, Department of Health and Social Care (DHSC), London, UK  
Kym Lang  
HSRUK, Universities UK, London, UK  

**Chair:**
Whitty C.  
Department of Health and Social Care (DHSC), London, UK

**Speakers:**
Ibrahim R. Bou-Orm  
Institute for Global Health and Development, Queen Margaret University, Musselburgh, UK and Higher Institute of Public Health, Faculty of Medicine and St. Joseph University, Lebanon  
Akinyinka Omigbodun  
NIHR Global Health Research Unit on Improving Health in Slums and University College Hospital Ibadan, Nigeria  
Juan Yang  
The School of Public Health, Fudan University, Key Laboratory of Public Health Safety, Ministry of Education, Shanghai, China  
Rowena Merritt  
Centre for Health Services Studies, University of Kent, Kent, UK and University of South Florida, USA

### Organised Session: Age-Related Care

**Purpose of the Session:**
Innovative approaches to improving maternal health in cities.

**Organiser:**
Institute of Tropical Medicine, Antwerp, Belgium  

**Chair:**
Lenka Benova, Institute of Tropical Medicine, Antwerp, Belgium

**10:00 – 10:05**
Introduction.

**10:05 – 10:17**
Deaths of mothers, newborns and children in Kampala city, Uganda: Context, drivers and potential mitigation strategies within a public-private mixed health care system.  
Waiswa P. (Uganda & Sweden)

**10:17 – 10:29**
Routine capture of emergency obstetric referral data: Case study of the federal teaching hospital in Benin city, Nigeria.  
Radovich E. (UK)

**10:29 – 10:41**
A midwifery-led childbirth model in the Médecins Sans Frontières And Rafik Hariri University Hospital in Beirut, Lebanon: Tackling over-medicalisation in an urban context with high poverty and displacement levels.  
vanden Boogaard W. (Lebanon)

**10:41 – 10:53**
Mapping the service delivery landscape for breastfeeding: A case study in Manila, Philippines.  
Camiling-Alfonso R. (Philippines)

**10:53 – 11:05**
Developing a municipal health policy – where does maternal health fit in? The experience of Villa Nueva, Guatemala  
Hegel G. (Guatemala)

**11:05 – 11:30**
Discussion
### Detailed Programme

**Wednesday 18 September 2019**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Room 3B</th>
</tr>
</thead>
</table>
| 10:00 – 11:30 | **Track 6: External Factors influencing Future Health** | **Organised Session:** Choosing a healthier future: Urban decision-making for people and planet.  
**Organiser:** Wellcome Trust Our Planet Our Health (OPOH) Programme; Wellcome Trust, London UK  
**Chair:** Siri J. (UK)                                                                 |
| 10:00 – 10:05 | Introduction                                  |                                                                         |
| 10:05 – 10:20 | The main barriers and opportunities to healthier urban development in the UK according to those in control of the development process.  
Black D. (UK)                                                                 |
| 10:20 – 10:35 | Rapid evaluation of urban health and sustainability policy efficacy.  
Milner J. (UK)                                                                 |
| 10:35 – 11:05 | Developing high-resolution air quality and environmental noise estimates in Sub-Saharan African cities: Pathways to equitable health cities study protocol for Accra, Ghana.  
Clark S. (UK) on behalf of the Pathways Measurement and Monitoring working group                                                                 |
| 11:05 – 11:30 | Discussion                                    |                                                                         |

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Room 1A</th>
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</thead>
</table>
| 11:30 – 12:30 | **Track 2: Treatment/Patient Care**         | **11:30 – 11:45** Diagnosis of genito-rectal schistosomiasis in a female traveller 8 years after exposure.  
Van Den Broucke S., Bottieau E. (Belgium)                                                                 |
| 11:45 – 12:00 | The impact of mass drug administration in combination with indoor residual spraying on malaria burden in a high transmission setting in Uganda.  
Mulebeke R., Wanzira H., Van geertruyden J.P., Yeka A. (Belgium & Uganda)                                                                 |
| 12:00 – 12:15 | Effectiveness of peer supervision in enhancing rational use of selected drugs among registered private drug shop operators in Busoga region, Uganda.  
Bagonza A., Mutto M., Peterson S., Awor Ph., Kitutu F., Mårtensson A., Mukanga D., Warnani H. (Uganda, Sweden & USA)                                                                 |
| 12:15 – 12:30 | Multi-morbidity in Ghanaian migrants in Europe and residents in Ghana: The RODAM study.  
Marza Florensa A.M., Boateng D., Agyemang C., Levitt K., Klipstein-Grobusch K. on behalf of the RODAM consortium (The Netherlands & South Africa)                                                                 |

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Room 1B</th>
</tr>
</thead>
</table>
| 11:30 – 12:30 | **Track 1: Prevention**                      | **11:30 – 11:50** Modelling the impact of pyrethroid resistance on the mass community effect of long-lasting insecticide treated nets.  
Unwin H.J.T., Shenard Smith E., Churcher T.S., Ghani A.C. (UK)                                                                 |
| 11:50 – 12:10 | The effects of insecticidal bed nets on insecticide resistant mosquito host seeking and blood feeding behaviour  
Guy A., Foster G., Matope A., Parker J., Voloshin V., Ranson H., Towers D., McCall P.J. (UK)                                                                 |
### Detailed Programme

**Wednesday 18 September 2019**

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<tbody>
<tr>
<td>12:00 – 12:15</td>
<td>Room 1A</td>
<td>Risk factors for gestational diabetes and comparison of associated pregnancy outcomes by diagnostic criteria.</td>
<td>Agbozo F., Abubakari A., Jahn A. (Ghana &amp; Germany)</td>
</tr>
<tr>
<td>12:15 – 12:30</td>
<td>Room 1C</td>
<td>Observational study of visceral leishmaniasis in pregnancy in South Sudan: Maternal and pregnancy outcomes.</td>
<td>Pekelharing J.E., Gatluak F., Harrison T., Maldonado F., Ritmeijer K. (The Netherlands &amp; South Sudan)</td>
</tr>
<tr>
<td>11:30 – 12:30</td>
<td>Room 1C</td>
<td>The place of the “pharmacy” and “drug sellers” in low- and middle- income countries: A scoping review.</td>
<td>Oleffe A., Mahieu C., Paul E. (Belgium)</td>
</tr>
<tr>
<td>11:30 – 12:30</td>
<td>Room 3A</td>
<td>Lessons learned from the implementation of a digital health information system in a constraint urban environment.</td>
<td>Berghman E., De Caluwé P., Benjamin Ndoole A., Vaes L. (Belgium &amp; DRC)</td>
</tr>
<tr>
<td>12:00 – 12:15</td>
<td>Room 1A</td>
<td>Uncovering the hidden: Surveillance of the emergence of anthelmintic resistance in human population with soil-transmitted helminths in southern Mozambique.</td>
<td>Grau-Pujol B., Martinez-Valladares M., Gandasegui J., Cano J., Cossa A., Sacoor C., Muñoz J. (Spain, Mozambique, Argentina &amp; UK)</td>
</tr>
<tr>
<td>14:00 – 15:30</td>
<td>Room 1A</td>
<td>A major hurdle in the elimination of urogenital schistosomiasis revealed: Identifying communities and health workers’ perceptions and experiences of Female Genital Schistosomiasis in Ghana.</td>
<td>Kukula V.A., MacPherson E.E., Tsey H.I., Stothard J.R., Theobald S., Gyapong M. (Ghana, Malawi &amp; UK)</td>
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**Track 4: Health Systems**

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<tbody>
<tr>
<td>11:30 – 12:30</td>
<td>Room 3A</td>
<td>Capacity of Tanzanian district level health facilities in providing surgical services.</td>
<td>Adinan J., Marealle P., Name D. (Tanzania)</td>
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</tbody>
</table>

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**Track 5: Age-Related Care**

<table>
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<tbody>
<tr>
<td>11:30 – 12:30</td>
<td>Room 3B</td>
<td>Effect of uptake of intermittent preventive treatment in pregnancy (IPTP) on birthweight of babies in a rural Ghanaian setting.</td>
<td>Awini E., Gyapong M., Darkwa E., Odonkor G., Williams J. (Ghana)</td>
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</tbody>
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**Track 6: External Factors Influencing Future Health**

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<tr>
<td>11:30 – 12:30</td>
<td>Room 3B</td>
<td>Lessons learned from the implementation of a digital health information system in a constraint urban environment.</td>
<td>Berghman E., De Caluwé P., Benjamin Ndoole A., Vaes L. (Belgium &amp; DRC)</td>
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**Track 2: Treatment/Patient Care**

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<tr>
<td>14:00 – 14:15</td>
<td>Room 1A</td>
<td>Uncovering the hidden: Surveillance of the emergence of anthelmintic resistance in human population with soil-transmitted helminths in southern Mozambique.</td>
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</table>
## Detailed Programme

**Wednesday 18 September 2019**

### Track 1: Prevention

**14:30 – 14:45**
Challenges in achieving elimination of lymphatic filariasis hotspots in Sierra Leone.
*Bah Y. M., Sonnie M., Conteh A., Paye J., Bah M.S., Sawyerr V., Veinoglou A., Hodges M., Koroma J. B., Zhang Y.* (Sierra Leone, USA, Ghana & Senegal)

**14:45 – 15:00**
Cryptosporidium diarrhoea in adult patients at Queen Elizabeth Central Hospital, Blantyre, Malawi.

**15:00 – 15:15**
*Lomencho A.* (Ethiopia)

**14:00 – 15:30** Room 1B

### Track 4: Health Systems

**14:00 – 14:15**
District health management and its association with district performance: a study of six districts in the eastern region of Ghana.
*Heerdegen A.C.S., Aikins M., Amon S., Agyemang S., Gerold J., Prytherch H., Wyss K.* (Switzerland & Ghana)

**14:15 – 14:30**
Perceptions of care and treatment of people living with HIV/aids in Bihar: A qualitative study from India.

**14:30 – 14:45**
Quality improvement in the Kenyan community health system: A mechanism to drive local innovations to overcome local challenges.

**14:45 – 15:00**
Post-university specialty training (PUST) of family doctors in Tajikistan.
*Bohle L.F., Kasymova Z., Davlyatova D., Ross G., Yarbaeva S., Galeazzi R., Wyss K., Prytherch H.* (Switzerland & Tajikistan)

**15:00 – 15:30** Discussion
## Detailed Programme

**Wednesday 18 September 2019**

### Track 5: Age-Related Care

**Room 3A**

**Organised Session:**
Quality of Care for women and adolescent girls – From policy to practice, or the other way around?

**Organiser:**
University of Oslo, Institute of Health and Society, Department of Community Medicine and Global Health, Oslo, Norway

**Chairs:**
Sundby J. (Norway) and Tuncalp O. (Switzerland)

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>14:00 – 14:05</td>
<td>Introduction. Sundby J. (Norway)</td>
</tr>
<tr>
<td>14:05 – 14:15</td>
<td>Improving access to quality of care for women and adolescent girls: Perspectives of the World Health Organisation. Tuncalp O. (Switzerland)</td>
</tr>
<tr>
<td>14:35 – 14:45</td>
<td>When things fall apart: Local responses to reintroduction of user-fees for maternal health services in rural Malawi. Pot H. (Norway)</td>
</tr>
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### Track 6: External Factors influencing Future Health

**Room 3B**

<table>
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<tr>
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<tbody>
<tr>
<td>14:00 – 14:20</td>
<td>Investing scarce resources wisely – Systematically analysing research funding to improve decision-making in health research and reduce future burdens of disease. Head M.G., Brown R.J., Batchelor J. (UK)</td>
</tr>
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</table>

**14:40 – 15:00 Discussion.**
### Organised Session: Multimorbidity: Research challenges and opportunities at the interface of infectious and non-communicable diseases in low- and middle-income countries.

**Purpose of the Session:**
The objective of this panel discussion session is to bring together expert scientists and stakeholders to explore the challenges and opportunities of research at the interface of infectious and NCDs in LMIC settings.

**Organisers:**
- Jill Jones
  Global Health Strategy, Medical Research Council, UK
- Val Snewin
  Global Health Research Partnerships, Department of Health and Social Care, UK
- Elizabeth Bohm
  International, Academy of Medical Sciences, UK
- Branwen Hennig
  Science Division, Wellcome Trust, UK

**Chair:**
Whitty C. (UK)

**Speakers:**
- Tolullah Oni
  MRC Epidemiology Unit, University of Cambridge, UK
- Eugene Kinyanda
  MRC/UVRI and LSHTM Uganda Unit, UK
- Sanghamitra Pati
  Indian Council of Medical Research – multimorbidity, India
- Shabbar Jaffar
  Liverpool School of Tropical Medicine, UK

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### Track 2: Treatment/Patient Care

**16:00 – 16:08**
Prolonged and persistent diarrhoea in children: A case-control study in Ethiopia.

Zangenberg M., Johansen Ø.H., Abdissa A., Eshetu B., Kurtzhals J.A.L., Friis H., Sommerfelt H., Langeland N., Hanevik K. (Denmark, Norway & Ethiopia)

**16:08 – 16:16**
Epidemiological and clinical profile of immunosuppressed patients with imported strongyloidiasis: A substudy from a larger cohort of the +REDIVI Spanish collaborative network.

Salvador F., Treviño B., Herrera-Martínez J.M., Rodríguez-Guardado A., Tomás D., Goikoetxea J., Zubero Z., Velasco M., Chamorro S., on behalf the REDIVI Collaborative Network. (Spain)
Detailed Programme

Wednesday 18 September 2019

16:00 – 17:00 Room 1B

Track 1: Prevention

16:00 – 16:20 123
Costing of an integrated approach for Human African Trypanosomiasis (HAT) case finding in the Democratic Republic of the Congo.
Snijders R., Fukinsia A., Mulenga P., Claeys Y., Hasker E., Mpanya A., Miaka E., Meheus F., Lutumba P., Boelaert M. (Belgium, DRC & France)

16:20 – 16:40 124
Tsetse control in g-HAT foci: For how long and how to stop?
Rayaisse J.B., Tirados I., Kaba D., Mahamat H.M., Kaqbadouno M., Mugenyi A., Peka M., Courtin F., Camara M., Solano P. (Burkina Faso, UK, Côte d’Ivoire, Chad, Guinea, Uganda & France)

16:40 – 17:00 125
New advances in vector control against Human African Trypanosomiasis: the experience of ‘Tiny Targets’ to control Glossina fuscipes.

16:00 – 17:00 Room 1C

Track 4: Health Systems

16:00 – 16:20 126
The lack of quality-assured sources of medicines on the global market: A qualitative survey to explore the needs of purchasers in the Belgian humanitarian sector.
Nebot Giralt A., Ronse M., Ravinetto R. (Belgium)

16:20 – 16:40 127
Illness representations and coping practices for self-managing hypertension among sub-Saharan Africans: A comparative study among Ghanaians and non-migrants.
Nyaaba G.N., Agymang, C., Masana, L., Aikins A., Beure E., Larrea-Killinger C., Stronks K. (The Netherlands, Spain & Ghana)

16:40 – 17:00 128
Social health insurance and payment for family planning services: Evidence from Indonesia.
Wilopo S.A., Pinandari A.W., Wahdi A.E., Hariastuti I.W., Oesman H., Magnani R. (Indonesia)

16:00 – 17:00 Room 3A

Track 4: Health Systems 129

Organised Session:
Beyond 2020 with Neglected Tropical Diseases: Leaving no one behind in the journey to 2030.

Purpose of the Session:
This interactive session seeks to bring together implementers, donors, researchers and activists to review experiences on the relationship of gender, equity and rights (GER) to the implementation of Neglected Tropical Disease (NTD) programs, the data required, and how utilizing such a lens can contribute to more effective coverage and accessing harder to reach and vulnerable groups, both in preventive chemotherapy (PC) and innovative and intensified disease management (IDM) NTDs. We are keen however to learn from participants with experience in strengthening equity and inclusiveness in delivery of interventions and programmes for other conditions such as malaria or AMR. The objective is to provide an opportunity for (a) learning exchange on country experiences in strengthening equity and inclusiveness and (b) informed debate about what is required to achieve NTD targets for 2020 and what can be learnt from that to ensure achievement of SDGs in such a way that leaves no one behind.

Organisers and Chairs:
Julie Jacobson
Bridges to Development, Seattle, US and Uniting to Combat NTDs
Camilla Ducker
Uniting to Combat NTDs, Haywards Heath, West Sussex, UK
Laura Dean
Liverpool School of Tropical Medicine, Liverpool, UK

16:00 – 17:00 Room 3B

Track 6: External Factors influencing Future Health

16:00 – 16:20 130
eLearning solution for capacity strengthening of health professionals: The experience of Guinea.
Delvaux T., Delamou A., Millimono M., Kourouma K., Kolié M., Beavogui A.H., Garcia M., Kiyon C., Roegiers S., Van Damme W. (Belgium & Guinea)

16:20 – 16:40 546
Going digital: Added value of electronic data collection for large-scale household surveys.

16:40 – 17:00
Discussion.
**Organised Session:**
Towards the ‘endgame’ for Neglected Tropical Diseases: The role of modelling to achieve control, transmission break, and elimination.

**Organisers:**
The London Centre for Neglected Tropical Disease Research, UK
Imperial College London, Department of Infectious Disease Epidemiology, London, UK
London School of Hygiene & Tropical Medicine, London, UK
Royal Veterinary College University of London, Department of Pathobiology and Population Sciences, Herts, UK
Natural History Museum, London, UK

**Chair:**
Pullan R. (UK)

**17:00 – 17:15**
Breaking transmission for Schistosoma mansoni: Determining post-treatment surveillance criteria for detecting elimination.
Toor J. (UK)

**17:15 – 17:30**
Comparison of Kato-Katz and hypothetical QPCR diagnostic tests for monitoring and evaluation of elimination and morbidity targets for soil-transmitted helminths: A simulation analysis.
Vegvari C. (UK)

**17:30 – 17:45**
Impact of population movement between villages on the likelihood of breaking transmission of soil-transmitted helminths.
Hardwick R. (UK)

**17:45 – 18:00**
Structural uncertainty in stochastic models of onchocerciasis transmission influences the estimation of elimination thresholds and the selection of age groups for serological monitoring.
Basández M.-G. (UK)

**18:00 – 18:30**
Panel Discussion and Q&A.

---

**Organised Session:**
Sleeping sickness elimination, challenges ahead in the Democratic Republic of the Congo.

**Organisers and Chairs:**
Marleen Boelaert
Institute of Tropical Medicine, Antwerp, Belgium
Steve Torr
Liverpool School of Tropical Medicine, Liverpool, UK

**17:00 – 17:15**
Historical perspective on Human African Trypanosomiasis (HAT) in the Democratic Republic of the Congo.
Mwamba Miaka E. (DRC)

**17:15 – 17:30**
Outcomes of the HAT elimination efforts in DRC.
Verlé P. (Belgium)

**17:30 – 17:45**
Scaling up vector control to contribute to HAT elimination in DRC.
Hope A. (UK)

**17:45 – 18:00**
Modelling insights on the pathway towards HAT elimination in DRC.
Castano S. (Switzerland)

**18:00 – 18:30**
Discussion
Organised Session:
Responding to the health needs of migrants and refugees:
We have the toolbox, we only need to open it.

Organiser:
Federation of European Societies for Tropical Medicine and International Health (FESTMIH)

Chairs:
Navarro M. (Spain) and Gyselinck K. (Belgium)

17:00 – 17:05
Introduction.
Navarro M. (Spain) and Gyselinck K. (Belgium)

17:05 – 17:20
Health needs into vulnerable immigrants.
Serré Delcor N. (Spain)

17:20 – 17:35
Evidence-based specialist health services for newly arrived asylum seekers and refugees: Lessons from practice in Ireland.
Boyle P.J. (Ireland)

17:35 – 17:50
Description of a public health project aimed to immigrant population: Salud Entre Culturas (SEC) Project.
Chamorro S. (Spain)

17:50 – 18:05
Access to healthcare in Europe in times of crisis and rising xenophobia – Migration, rights and health.
Verbeeren P. (Belgium)

18:05 – 18:30
Questions and Debate.
Organised Session:
Advocacy networks addressing Neglected Tropical Diseases in Europe and beyond – An impressive recent approach of solidarity with the most neglected people worldwide.

Organisers and Chairs:
Carsten Köhler
German network against Neglected Tropical Diseases (DNTDs)

David Maurer
Swiss Alliance against Neglected Tropical Diseases (SANTD)

17:00 – 17:10
The German network (DNTDS) and its perspective.
Hoerauf A. (Germany)

17:10 – 17:20
The Swiss network (SANTD) and its perspective.
Stäheli R. (Switzerland)

17:20 – 17:30
The French network and its perspective.
Debré P. and Solano P. (France)

17:30 – 17:40
The UK network and its perspective.
Fahy J. (UK)

17:40 – 17:50
The Canadian network (CNNTD) and its perspective.
Krentel A. (Canada)

17:50 – 18:30
Discussion.
Köhler C. (Germany) and Maurer D. (Switzerland)
Posters

**PS140**
Amebiasis and tumor processes
Svistunov O.P., Anya K., Ime U., Isuwu I., Umoh J. M. (Nigeria, South Africa, Russia & UK)

**PS141**
Ultrasound and intestinal lesions in Schistosoma mansoni infection: A case-control pilot study outside endemic areas
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Why well-trained health professionals are needed to make universal health coverage happen
Leocq D., Nijibusa P., Nimpagaritse M., Nyongabo R., Nicayenzi D., Honguyeye C., Coppetiers Y., Labat A. (Belgium & Burundi)

PS294
How to make universal health coverage happen through better information sharing and support to evidence-based decision-making? Questioning before implementation of a national health observatory in Burundi
Labat A., Ngijyirmana D., Nicayenzi D., Basse C.D., Coppetiers Y. (Belgium, Burundi & Senegal)

PS295
Medical laboratories and quality of cares: The most neglected part at hospital level
Linsuke S., Nabazungu G., Ilombe G., Ahuka S., Muyembe J.J., Lutumba P. (DRC & Belgium)

PS296
Progress towards elimination of Lymphatic Filariasis and NTDs in the Democratic Republic of the Congo, despite co-endemicity, political instability and conflict
Mjoorma Mikko P., Awasca N., Chauvet H. (UK & DRC)

PS298
Establishment of Technical Vector Control Advisory Groups (TVCAGs): Experiences from three countries (Cameroon, Burkina Faso, and Malawi) within the PINeC programme
Mwendera C.A., Worrall E. (UK)

PS299
Body-mapping and people living with Chagas disease: Time for action
Navarro M., Parisi S., Pitsch M., Apodaca Z., Rubilar G., Jimenez C., Chilet E., Apodaca B. (Spain, Germany & Bolivia)

PS300
Integrated service delivery at facility and community level to improve service quality and outcomes in southwestern Uganda
Ndagire K.G., Kapsaandii T., Ndamiira A., Wasike S. (Uganda)

PS301
The impact of spring capping and educational interventional regime on the incidence of diarrhoeal disease in Bonke Woreda, Ethiopia
Newport D. (UK)

PS302
Discursive gaps in the implementation of the nutrition PBF pilot project in Burundi: A qualitative case study
Nkurunziza S., Anthierens S., Basenya O., Karachais C., Van Geertruyden J.P. (Burundi & Belgium)

PS303
Prevention of malaria in pregnancy among pastoralists in a humanitarian setting: An exploratory study of ambulatory service delivery models for administering prophylaxis
Osjidja E.N., Kwanz C. (Burundi & Switzerland)

PS304
Canadian Aboriginals health status speaks loud and clear
Olatunde O.A. (Canada & Nigeria)
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| **PS305** Innovations in revenue collection among informal sector for social health insurance: Leveraging adoption to ensure expansion of coverage in the Anambra State health insurance scheme  
Onyemaechi S.B., Ukwuije F. (Nigeria) | **PS313** Performed based financing (PBF) and external counter-verification: A tool of governance improvement in the Democratic Republic of the Congo  
Mayaka Manitu S. (DRC) |
| **PS306** Performance-based financing is not backed by credible theoretical justifications  
Paul E., Bodson O., Ridde V. (Belgium & France) | **PS314** Output of Kalacore Project to support National Kala-azar Elimination Programme in Bangladesh  
| **PS307** Fiscal challenges on the path towards universal health coverage in Benin  
Paul E., Wangbe J.-P., Fecher F., Bourgeois M. (Belgium & Benin) | **PS315** Impact of a trio of target-site mutations on pyrethroid resistance in Aedes aegypti from across northern Brazil  
| **PS308** Policy drivers of zoonotic disease vulnerability and interventions in India  
Asaaga F.A., Oommen M.A., Chandarana, R., Young J.C., Purse B.V. (UK & India) | **PS316** How satisfied Beninese patient are with care received in hospitals?  
Sagbohossou P, Kashala J.-P., Somasse Y., Gyselinck K., Marx M. (Belgium & Germany) |
| **PS309** The professional development scheme (PDS): Measuring capacity development for researchers  
Rapa E., Furado T., Segré A., Boggs L., Bilardi D., Lang T. (UK & Italy) | **PS317** Development of the HIV patient master index: A basis for monitoring the HIV continuum of care and formulating interventions for people living with HIV in Suriname  
Stijnberg D., Mc Kee M., Adhin M., Schrooten W. (Belgium & Suriname) |
| **PS310** A cost-of-illness analysis of transfusion-dependent -thalassaemia major in Sri Lanka  
Reed-Embleton H., Nezafat Maldonado B., Arambepola S., Premawardena A., Arambepola M., Allen S. (UK & Sri Lanka) | **PS318** Exploring barriers to an effective supply of leishmaniasis drugs and diagnostics in eastern Africa: A qualitative study  
| **PS311** Improving migrants access to public health system  
Saperas Pérez C., Sanchez Albamarín L., Borlán Agüero E., Muñoz Racero C., Taracín Rotella L., Sanchez Collado C., Oriñ Grife M.R., Barlam Torres N., García Rodríguez C., Rodríguez Sánchez S. (Spain) | **PS319** Malaria epidemiology and interventions in Ethiopia from 2000 – 2016  
Taffese H.S., Hemming Schroeder E., Koepeli C., Tesfaye G., Lee M.C., Yan G., Zhou G. (Ethiopia & USA) |
| **PS312** Towards constructive rethinking of PBF: Perspectives of implementers in Sub-Saharan Africa  
Mayaka Manitu S. (DRC) | **PS320** Geospatial distribution of Chikungunya and Zika virus outbreaks in the Dominican Republic: Two sides of the same coin?  
Tapia L., Delgadillo M., Paulino-Ramirez R. (Dominican Republic) |
| **PS321** Weak health system for managing pneumonia among children in South Ethiopia  
Hailemariam S., Gebeylehu Y., Loha E., Ohannesson K.A., Lindtjorn B. (Ethiopia & Norway) | **PS322** Does accreditation lead to better quality of care? Five years’ experience in Rwanda  
Kamuhungire E., Runangwa D., Muvunyi Z., Biraro G., Nyemazi J.P., Gyselevick K., Tihon V. (Rwanda & Belgium) |
| **PS323** Availability of evidence on trachoma in low and middle-income countries: A review of reviews using Evidence Gap Map approach  
Vreendakumar B., Jolley E., Schmitte E. (UK) | **PS324** Factors associated with early pregnancy in schools in the Lokossa Athémé Health district in 2018  
Mongbo V., Adadja J., Saizouou J., Mahoutodi P., Houunikpatin B., Sossa-Jérôme Ch., Quendo E.-M. (Benin) |
| **PS325** 10 years of harnessing communities of practice to enable faster and better research in global health  
Lang T. (UK) | **PS326** Breaking barriers to research skills training and enabling access to those who need it the most  
Boggs L., Wheelan L., Segré A., Lang T. (UK) |
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<td>07:00 – 08:00</td>
<td>Knowledge Hub – breakfast seminars. Room 4 – Early career workshops</td>
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<td>08:00 – 09:30</td>
<td>Plenary session</td>
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<td>09:30 – 10:00</td>
<td>Coffee Break</td>
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<td>10:00 – 11:30</td>
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<td>10:00 – 11:30 552 / p.110 Morbidity management and disability prevention for onchocerciasis</td>
<td>10:00 – 11:30 554 / p.110 PfSPZ vaccines: Phase 3 to licensure to deployment and use in elimination campaigns</td>
<td>10:00 – 10:15 141 / p.110 Safe motherhood revolving funds – Are they really life-savers for the poor? Practices and impact in Nepal</td>
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<td>10:15 – 10:30 142 / p.110 The development and implementation of a performance feedback dashboard to care providers from the electronic maternal and child health registry in Palestine: A qualitative study</td>
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<td>10:30 – 10:45 143 / p.110 Assessing the translation of national level policies and strategies to address stillbirth at subnational level in Uganda</td>
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<td>10:45 – 11:00 144 / p.110 A historic cohort of old cases of malnutrition in childhood in the context of eastern DR Congo: A great opportunity of research 15 years after</td>
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<td>11:30 – 12:30</td>
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<td>11:30 – 11:50 145 / p.111 Onchocerciasis-associated epilepsy: The epidemiological evidence</td>
<td>11:30 – 11:50 147 / p.112 Mobile suitcase laboratory for multiple testing of pathogens to support the elimination of malaria in Nigeria</td>
<td>11:30 – 11:50 555 / p.112 Clinical and economic impact of three different strategies for the management of strongyloidiasis in sub-Saharan immigrants to Italy</td>
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<td>12:10 – 12:30 553 / p.111 Antibiotic prescription and its adequacy in four MSF projects in Africa</td>
<td>12:10 – 12:30 149 / p.112 Automated “sample to answer” diagnostic platforms (MaVec-LabDisk / ArboVec-LabDisk) for improving the impact of vector control interventions</td>
<td>12:10 – 12:30 151 / p.112 Medical laboratories and quality of cares: The most neglected part at hospital level</td>
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<td>12:30 – 14:00</td>
<td>Knowledge Hub for workshop to mark International Snakebite Awareness Day</td>
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# Programme by day

**Thursday 19 September 2019**

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<td>07:00 – 08:00</td>
<td>Knowledge Hub – breakfast seminars.</td>
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<td><strong>Plenary session</strong></td>
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<td><strong>Break</strong></td>
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<td>10:00 – 11:30</td>
<td><strong>Organised session</strong></td>
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<td>10:00 – 11:30 556 / p.111 Mixed methods evaluations for maternal and</td>
<td>10:00 – 11:30 558 / p.111 Film “Food Evolution” and Panel Discussion</td>
<td>10:00 – 11:15 “Where do I start?” Three talks to cover finding funding,</td>
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<td>child health programmes. Added nuisance or added value for evidence?</td>
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<td>writing a grant application, identifying research and finding the right</td>
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<td>11:30 – 12:30</td>
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<td>11:30 – 11:50 152 / p.112 Use of patient reported outcome measures</td>
<td>11:30 – 11:50 154 / p.112 Using machine learning predictions of malaria</td>
<td>11:15 – 12:30 “What should I read?” Two talks to cover how to identify</td>
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<td>to design and evaluate human rights in childbirth interventions in Ethiopia</td>
<td>prevalence to improve geostatistical disaggregation models of incidence</td>
<td>key journals and other reading to keep up to date, and key tools to use</td>
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<td>11:50 – 12:10 153 / p.112 Improving the quality of midwifery training</td>
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<td>in resource limited settings: A quasi-experimental study</td>
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<td>12:10 – 12:30 557 / p.112 Towards reducing newborn deaths in resource</td>
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<td>constrained settings: Impact of essential newborn care course (ENCC)</td>
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<td>on quality of care in Nigeria</td>
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## Programme by Day

**Thursday 19 September 2019**

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<td>14:00 – 14:15 156 / p.113 A critical evaluation of the appetite test for children with severe acute malnutrition</td>
<td>14:00 – 15:30 560 / p.113 Advances in diagnostics for Neglected Tropical Diseases</td>
<td>14:00 – 15:30 562 / p.114 Supporting the design and implementation of universal health coverage policies through multidisciplinary approaches: Let’s open the dialogue between researchers, implementers and policymakers -- With examples from Senegal</td>
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<td>14:15 – 14:30 157 / p.113 Endemic leptospirosis in Sri Lanka: Value of clinical presentation, laboratory data and suspected case definition for early diagnosis</td>
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<td>14:30 – 14:45 158 / p.113 Mass campaign on non-communicable diseases – city of Kigali 2017: Assessing utility and effectiveness</td>
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<td>14:45 – 15:00 159 / p.113 Characteristics of patients at risk of, or with newly diagnosed diabetes in a sub-urban township, South Africa: Smart2d baseline survey results</td>
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<td>15:00 – 15:15 160 / p.113 Emergence of diminished ciprofloxacin-susceptibility Salmonella typhi in an ongoing outbreak from Harare, Zimbabwe</td>
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<td>15:30 – 16:00</td>
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<td>16:00 – 16:08 170 / p.115 Noma prevalence study, north-west Nigeria 2016</td>
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<td>16:08 – 16:16 565 / p.115 The drivers of antibiotic prescription and use in three MSF projects in Africa</td>
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<td>16:24 – 16:32 172 / p.115 Telementoring with project ECHO, a pilot project in Myanmar</td>
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<td>16:32 – 16:40 173 / p.115 Cost-effectiveness of different strategies of strongyloides stercoralis screening and treatment among migrants from endemic countries to the European Union</td>
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<td>16:40 – 16:48 174 / p.115 TMek: A quantitative rapid diagnostic test for malaria</td>
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<td>16:00 – 16:08 170 / p.115 Noma prevalence study, north-west Nigeria 2016</td>
<td>16:00 – 16:20 175 / p.116 Feasibility and impact of laparoscopy post-exposure prophylaxis: Evidence from LREP, a multi-country, 5-year implementation research program</td>
<td>16:00 – 16:20 177 / p.116 Can building a community of practice improve pharmacovigilance in Africa</td>
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## Programme by Day

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<td>14:00 – 15:30</td>
<td>163 / p.114 Impact of the gut microbiota on rotavirus vaccine response in Indian, African and European infants: A prospective cohort study</td>
<td>164 / p.114 Systematic review and meta-analysis of vaccine efficacy and effectiveness among HIV-infected, HIV-exposed uninfected and HIV-uninfected children</td>
<td>14:00 – 15:30 564 / p.115</td>
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<td>14:00 – 15:30</td>
<td>165 / p.114 Factors associated with the non-completeness of the immunization schedule in children aged 12 to 23 months in the health zone of Binza Ozone. 2016.</td>
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<td>16:00 – 16:20</td>
<td>180 / p.116 Burden of disease in neonatal units in Nigeria and Kenya</td>
<td>181 / p.116 Literature review: The impact of household air pollution and effectiveness of clean-burning cookstoves on maternal and neonatal health</td>
<td>16:00 – 16:20 183 / p.116</td>
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<td>16:20 – 16:40</td>
<td>182 / p.116 A mixed methods evaluation of the feasibility and efficacy of implementing integrated management of childhood illnesses through use of mobile technology in a developing country setting</td>
<td>184 / p.116 Identification of high-risk areas of leprosy in northwest Bangladesh – A geospatial modelling and ecological study</td>
<td>16:20 – 16:40 185 / p116</td>
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<td>16:40 – 17:00</td>
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<td>16:00 – 17:00 Speed mentoring continued</td>
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<td>567 / p.117</td>
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<td></td>
<td>Cutaneous Leishmaniasis: Global burden, mental consequences and treatment opportunities</td>
<td>Vertical transmission of Zika virus in Culex quinquefasciatus Say and Aedes aegypti (L.) mosquitoes</td>
<td>Mutual funds in Burundi: An opportunity for universal health coverage or only a vestige of coloniality in health systems?</td>
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<td>17:20 – 17:40</td>
<td>569 / p.117</td>
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<td>Molecular epidemiology and genetic diversity of Zika virus from field-caught mosquitoes in various regions of Thailand</td>
<td>189 / p.117</td>
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<td>17:40 – 18:00</td>
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<td>Sentinel surveillance through travellers: Evaluation of an FTA card based mosquito saliva trap for arbovirus monitoring</td>
<td>17:40 – 18:00</td>
<td>Health systems factors predicting severe maternal outcomes in two South African hospitals: A case-control study</td>
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<td>191 / p.117</td>
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<td>192 / p.117</td>
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<td>18:20 – 18:30</td>
<td>The efficacy of the village health club in contributing to sustainable management of childhood malaria</td>
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<td>17:00 – 17:15 571 / p.118 Risk factors for mortality in children aged 5 – 14 years hospitalised with pneumonia: A retrospective cohort study</td>
<td>17:00 – 18:30 572 / p.118 Launching WikiTropica: A collaborative knowledge and teaching platform on tropical medicine</td>
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<td>17:15 – 17:30 193 / p.118 Schistosoma mansoni infection amongst school-age children in Maroambo, Madagascar: Results from a three year annual follow-up study</td>
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<td>17:30 – 17:45 194 / p.118 An enigma of extra-pontine myelinosis in primary adrenal insufficiency</td>
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<td>17:45 – 18:00 195 / p.118 The impact of insulin donations for children in 43 low- and middle- income countries</td>
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**Plenary**

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<td>08:00 – 08:40</td>
<td><strong>Keynote</strong></td>
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<td>Topic – <strong>Managing outbreaks in the future</strong></td>
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<td><strong>Keynote speaker:</strong></td>
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<td>Dr Matshidiso Moeti</td>
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<td>WHO Regional Director for Africa</td>
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<td>08:40 – 09:30</td>
<td><strong>Panel discussion</strong></td>
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<td>Topic – <strong>Ebola and other outbreaks in a conflict setting - lessons learned</strong></td>
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<td><strong>Chair:</strong></td>
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<td>Professor Chris Whitty</td>
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<td>Chief Scientific Adviser, Department of Health and Social Care (DHSC)</td>
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<td><strong>Panel members:</strong></td>
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<td>Hilary Bower</td>
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<td>UK Public Health Rapid Support Team, LSHTM</td>
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<td>Carlos Navarro Colarado</td>
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<td>Principal Advisor for Public Health Emergencies, UNICEF</td>
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<td>Michael McKean</td>
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<td></td>
<td>Senior Director of Programmes, Funding and Operations at Mercy Corps</td>
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<tr>
<td></td>
<td>Bhargavi Rao</td>
</tr>
<tr>
<td></td>
<td>Malaria and Infectious Diseases Specialist for Médecins Sans Frontières (Operational Centre Amsterdam), based in the Manson Unit (MSF London)</td>
</tr>
</tbody>
</table>
Dr Matshidiso Moeti from Botswana is the first woman WHO Regional Director for Africa and has, over the past four years, led the transformation of the WHO Regional Office for Africa into an accountable and results-driven organisation.

Over this period WHO AFR has focused on improving health security, universal health coverage and supporting countries in the implementation of SDG-3. Strong partnerships have been developed with various bilateral and multilateral health development partners. Dr Moeti is a public health veteran, with more than 35 years of national and international experience.

She joined WHO’s Africa Regional Office in 1999 and has served as Deputy Regional Director, Assistant Regional Director, Director of Noncommunicable Diseases, WHO Representative for Malawi, Coordinator of the Inter-Country Support Team for the South and East African countries and Regional Advisor for HIV/AIDS.

She is renowned for having led WHO’s “3 by 5” initiative in the African Region at the height of the HIV/AIDS epidemic, resulting in a significant increase in access to antiretroviral drugs by HIV-infected persons. Prior to joining WHO, she worked with UNAIDS as a Team Leader of the Africa and Middle East Desk in Geneva (1997-1999); with UNICEF as a Regional Health Advisor for East and Southern Africa; and with Botswana’s Ministry of Health as a Clinician and Public Health Specialist.

Professor Whitty is a physician and epidemiologist who works in public health, science policy and clinical medicine, is Professor of Public and International Health at London School of Hygiene & Tropical Medicine and is a member of the RSTMH education and training committee. Currently seconded as Chief Scientific Adviser, Department of Health and Social Care (DHSC) alongside LSHTM and NHS roles; this includes leading the National Institute for Health Research (NIHR), being first deputy Chief Medical Officer, and is responsible for supporting evidence-based health policy for the UK life sciences industry.
Hilary Bower
UK Public Health Rapid Support Team, LSHTM

Hilary is an epidemiologist with extensive field experience in Africa and Asia and a deployable member of the UK Public Health Rapid Support Team, established by LSHTM and Public Health England to respond to, carry out research in, and build capacity for epidemic disease and outbreak response. Her research interests are emerging and epidemic infectious diseases and improving outbreak responses and interventions.

Carlos Navarro Colarado
Principal Advisor for Public Health Emergencies, UNICEF

Carlos leads all UNICEF’s global work in outbreak preparedness and response, and has lead the UNICEF response to the current Ebola outbreak in DRC from the field since its declaration.

He was an advisor to the IHR Emergency Committee on this. He has previously worked at CDC as an emergency epidemiologist (2010 – 2017), as an independent consultant on health and nutrition in emergencies (2005 – 2010), and in a number of field assignments and coordination positions for ACF and MSF (1994 – 2004).

He has completed dozens of field emergency and outbreak assignments in field and leadership positions. Carlos’ research work in emergency response has focused on outbreak response and on the treatment and prevention of acute malnutrition. He started the research department of ACF in 2000, and has been involved in the design and implementation of operational research in emergency settings since 1997, obtaining an MSc from LSHTM and PhD from Aberdeen University.
Plenary
Thursday 19 September 2019

Michael McKean
Senior Director of Programmes, Funding and Operations at Mercy Corps

Michael is the Senior Director of Programmes, Funding and Operations at Mercy Corps in Europe. He oversees regional programme support teams which manage a portfolio of 130+ humanitarian, recovery and development programmes in 35 countries valued at over £200m. He also leads on Mercy Corps’ funding strategy inclusive of partnerships with European institutional donors (DFID, EU/ECHO, Sida, AFD, Netherlands and Germany), corporates and foundations, and private fundraising. Michael has had a long career at Mercy Corps both at the European HQ in Edinburgh and overseas. From 2009 – 11, Michael was Director of Programmes in Afghanistan, responsible for implementation of large-scale community-based development programmes throughout the country. Previous experience includes humanitarian response to emergencies in Asia, Africa and the Middle East (2005-08); and long-term assignments as a Programme Manager in Bosnia and Kosovo (2001 – 05).

Bhargavi Rao
Malaria and Infectious Diseases Specialist for Médecins Sans Frontières

Bhargavi joined MSF in 2013 initially as a public health specialist, including working as a medical epidemiologist in emergencies, but then later transitioned to her current role in 2015. She has worked in several conflict contexts including South Sudan, Democratic Republic of Congo, Central African Republic, Chad, Ethiopia, and Venezuela. Her main areas of interest are malaria and acute febrile illness, as well as improving outbreak response in emergency settings.
### Programme by Day

#### Thursday 19 September 2019

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td><strong>10:00 – 11:30</strong></td>
<td>Room 1A</td>
</tr>
<tr>
<td><strong>10:00 – 11:30</strong></td>
<td>Room 1B</td>
</tr>
</tbody>
</table>

### Track 2: Treatment/Patient Care

**Organisers:**
Global Health Institute, University of Antwerp, Belgium
London Centre for Neglected Tropical Disease Research and MRC Centre for Global Infectious Disease Analysis, Imperial College London, London, UK

**Chairs:**
Colebunders R. (Belgium) and Basanez M.G. (UK)

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>10:00 – 10:15</td>
<td>Onchocerciasis-associated epilepsy: The epidemiological evidence. Siewe Fodjo J.N. (Belgium)</td>
</tr>
<tr>
<td>10:15 – 10:30</td>
<td>Onchocerciasis-associated epilepsy: The pathophysiological mechanism. Hotterbeekx A. (Belgium)</td>
</tr>
<tr>
<td>10:45 – 11:30</td>
<td>General Discussion</td>
</tr>
</tbody>
</table>

### Track 1: Prevention

**Organisers:**
Peter G. Kremsner
University of Tübingen, Germany and Centre de Recherches Médicales de Lambaréné, Gabon
Peter F. Billingsley
Sanaria
Carsten Köhler
German Society for Tropical Medicine and International Health, DTG

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>10:00 – 10:25</td>
<td>PfSPZ vaccine: Current status and plans for licensure. Richie T.L (USA)</td>
</tr>
<tr>
<td>10:25 – 10:45</td>
<td>PfSPZ-CVac: Current status and future plans. Mordmüller B. (Germany)</td>
</tr>
<tr>
<td>10:45 – 11:05</td>
<td>PfSPZ vaccine: Pathway use in elimination campaigns. Abdulla S. (Tanzania)</td>
</tr>
<tr>
<td>11:25 – 11:30</td>
<td>General Discussion</td>
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</table>

### Track 4: Health Systems

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>10:30 – 10:45</td>
<td>Assessing the translation of national level policies and strategies to address stillbirth at subnational level in Uganda Sseguja E., Dolumba I., Andipartin M. (Uganda and South Africa)</td>
</tr>
<tr>
<td>10:45 – 11:00</td>
<td>A historic cohort of old cases of malnutrition in childhood in the context of eastern DR Congo: A great opportunity of research 15 years after. Mwene-Batu P., Ngaboeyeka G., Bisimwa G., Macq J., Donnen P. (Congo &amp; Belgium)</td>
</tr>
</tbody>
</table>

**Programme by Day**

**Organised Session:**
Mixed methods evaluations for maternal and child health programmes: Added nuisance or added value for evidence?

**Organisers:**
Royal Tropical Institute (KIT), Amsterdam, The Netherlands
Society for Family Health, Abuja, Nigeria
Evaluations presented are performed on request of Gavi, Unicef Palestina and Max Foundation, who have been involved in the preparations

**Chairs:**
Alba S. (The Netherlands), van den Broek A. (The Netherlands) and Baatsen P. (The Netherlands)

**10:00 – 10:10**
Mixed methods evaluations for child health programmes: Added nuisance or added value for evidence?
Alba S. (The Netherlands)

**10:10 – 10:20**
Evaluation of the national measles supplementary immunization campaigns in Nigeria: “Following a mixed method approach”
van den Broek A. (The Netherlands)

**10:20 – 10:30**
“Vitamins make the baby too big in the womb”: Baseline results of a mixed methods approach to evaluate a community led intervention to reduce stunting in Noarai and Islampur Unions, Sylhet, Bangladesh
van Gurp M. (The Netherlands)

**10:30 – 10:40**
Mixing methods within evaluations: A case study on the evaluation of a home-based post natal care programme in Palestine
Baatsen P. (The Netherlands)

**10:40 – 11:00**
Q&A

**11:00 – 11:30**
Debate

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**Organised Session:**
Film “Food Evolution” and Panel Discussion.
The film is called “Food Evolution”, an independent film narrated by Neil deGrasse Tyson. It discusses the controversy around genetic modification of food and food security around the world. The film features Dr. Alison Van Eenennaam from UC Davis who will be on a panel with me as a moderator to discuss the importance of balancing food security with biodiversity. We will also touch on the topic of One Health in the discussion.

**Organiser:**
S. Eliza Dunn (Halcomb)
Washington University School of Medicine & Bayer Crop Sciences, Washington, USA

**Chair:**
S. Eliza Dunn (Halcomb)
Washington University School of Medicine & Bayer Crop Sciences, Washington, USA

**Panellist:**
Allison Van Eenennaam
UC Davis Dept. of Animal Science, Davis, USA

**11:30 – 12:30**
**Track 2: Treatment/Patient Care**

**11:30 – 11:50**
Onchocerciasis-associated epilepsy: The epidemiological evidence.
Siewe Fodjo J.N., Menon S., Hotterbeekx A., Basanez M.G., Colebunders R. (Belgium & UK)

**11:50 – 12:10**
Community-based prevalence of typhoid fever, typhus, brucellosis and malaria among symptomatic individuals in Afar region, Ethiopia.
Zerfu B., Medhin G., Mamo G., Getahun G., Tschopp R., Legesse M. (Ethiopia and Switzerland)

**12:10 – 12:30**
Antibiotic prescription and its adequacy in four MSF projects in Africa.
Koscalova A., Eibs T., Jimenez C., Lasy, E., Kohler G., Owen N.B., Turashvili M. (Austria, Spain, Slovakia & UK)
## Programme by Day

### Thursday 19 September 2019

| 11:30 – 12:30 | Room 1B
<table>
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<tr>
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<tbody>
<tr>
<td><strong>Track 1: Prevention</strong></td>
<td></td>
</tr>
<tr>
<td>11:30 – 11:50</td>
<td>147</td>
</tr>
<tr>
<td>Mobile suitcase laboratory for multiple testing of pathogens to support the elimination of malaria in Nigeria.</td>
<td>Ademowo G.O., Oyintayo O.E., Hansen S., Raifu M.K., Böhiken-Fascher S., Bakarey A.S., Czerny C.P., Abd El Wahed A. (Nigeria &amp; Germany)</td>
</tr>
<tr>
<td>11:50 – 12:10</td>
<td>148</td>
</tr>
<tr>
<td>12:10 – 12:30</td>
<td>149</td>
</tr>
<tr>
<td>Automated “sample to answer” diagnostic platforms (MalVec-LabDisk / ArboVec-LabDisk) for improving the impact of vector control interventions.</td>
<td>Mavridis K., Hin S., Mitsakakis K., Müller P., Mevliv S., Vontas J. (Greece, Germany, Switzerland &amp; Germany)</td>
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| 11:30 – 12:30 | Room 3A
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<tr>
<td><strong>Track 5: Age–Related Care</strong></td>
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<tr>
<td>11:30 – 11:50</td>
<td>152</td>
</tr>
<tr>
<td>Use of patient reported outcome measures to design and evaluate human rights in childbirth interventions in Ethiopia</td>
<td>Anteneh A., Alison M., Michelle K. (Ethiopia &amp; Australia)</td>
</tr>
<tr>
<td>11:50 – 12:10</td>
<td>153</td>
</tr>
<tr>
<td>12:10 – 12:30</td>
<td>557</td>
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| 11:30 – 12:30 | Room 1C
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<tr>
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<tbody>
<tr>
<td><strong>Track 4: Health Systems</strong></td>
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<tr>
<td>11:30 – 11:50</td>
<td>555</td>
</tr>
<tr>
<td>Clinical and economic impact of three different strategies for the management of strongyloidiasis in sub-Saharan immigrants to Italy.</td>
<td>Tili M., Botta A., Bartoloni A., Boccalini S., Zammarchi L. (Italy)</td>
</tr>
<tr>
<td>11:50 – 12:10</td>
<td>150</td>
</tr>
<tr>
<td>12:10 – 12:30</td>
<td>151</td>
</tr>
<tr>
<td>Medical laboratories and quality of cares: The most neglected part at hospital level.</td>
<td>Linsuke S., Nabazungu G., Ilombe G., Ahuka S., Muyembe J.J., Lutumba P. (DRC &amp; Belgium)</td>
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| 11:30 – 12:30 | Room 3B
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<tbody>
<tr>
<td><strong>Track 6: External Factors influencing Future Health</strong></td>
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<tr>
<td>11:30 – 11:50</td>
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<tr>
<td>11:50 – 12:10</td>
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<tr>
<td>12:10 – 12:30</td>
<td>Discussion</td>
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</tbody>
</table>
## Programme by Day

**Thursday 19 September 2019**

### Room 1A

**Track 2: Treatment/Patient Care**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>14:00 – 14:15</td>
<td>A critical evaluation of the appetite test for children with severe acute malnutrition.</td>
</tr>
<tr>
<td></td>
<td>Mukantagara M., Zinnen V., Kangabire M.T., Mbarushimana A., Tihon V., Ndayisaba G., Condo J. (Rwanda)</td>
</tr>
<tr>
<td>14:45 – 15:00</td>
<td>Characteristics of patients at risk of, or with newly diagnosed diabetes in a sub-urban township, South Africa: Smart2d baseline survey results.</td>
</tr>
<tr>
<td></td>
<td>Delobelle P.A., Onagbiye S.O., De Man J., Manuga T., Hassen M., Puoane T. (South Africa &amp; Belgium)</td>
</tr>
<tr>
<td>15:00 – 15:15</td>
<td>Emergence of diminished ciprofloxacin-susceptibility Salmonella typhi in an ongoing outbreak from Harare, Zimbabwe.</td>
</tr>
<tr>
<td>15:15 – 15:30</td>
<td>Discussion.</td>
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### Room 1B

**Track 1: Prevention**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>14:00 – 14:15</td>
<td>QPCR-based diagnostics: How close are we to translating CQ values to intensity of infection</td>
</tr>
<tr>
<td></td>
<td>Papaiakovou M. (UK)</td>
</tr>
<tr>
<td>14:15 – 14:30</td>
<td>Novel point-of-care rapid diagnostic tests for indicating clinical status in visceral leishmaniasis and Chagas disease.</td>
</tr>
<tr>
<td></td>
<td>Bhattacharyya T. (UK)</td>
</tr>
<tr>
<td>14:30 – 14:45</td>
<td>Development and application of a Real Time Recombinase Polymerase Amplification (RT-RPA) fluorescence assay for the molecular diagnosis of urogenital schistosomiasis at the point-of-need</td>
</tr>
<tr>
<td></td>
<td>Webster B.L. (UK)</td>
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<tr>
<td>14:45 – 15:00</td>
<td>Optimizing strategies to diagnose intestinal schistosomiasis in Minas Gerais State, Brazil.</td>
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<tr>
<td></td>
<td>Phillips A.E. (UK)</td>
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<tr>
<td>15:00 – 15:30</td>
<td>Q&amp;A and panel discussion</td>
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**Organised Session:**

**Advances in diagnostics for Neglected Tropical Diseases**

**Organisers:**

The London Centre for Neglected Tropical Disease Research, UK

Imperial College London, Dept. of Infectious Disease Epidemiology, London, UK

London School of Hygiene & Tropical Medicine, London, UK

Royal Veterinary College University of London, Dept. of Pathobiology and Population Sciences, Herts, UK

Natural History Museum, London, UK

**Chair:**

Littlewood T. (UK)
### Organised Session:
Supporting the design and implementation of universal health coverage policies through multidisciplinary approaches: Let’s open the dialogue between researchers, implementers and policymakers – With examples from Senegal.

#### Organisers:
A consortium of two research projects co-ordinated by the University of Liège and partners in Senegal:

**ARC Effi-Santé Research Project:**
Fabienne Fecher-Bourgeois  
Faculty of Social Sciences, Université de Liège, Liège, Belgium

**PRD-CMU Research Project on the financing of the “Couverture Maladie Universelle” (CMU/UHC) policy:**
A project co-ordinated by:  
Adrien Dioh  
Faculté de sciences juridiques et politiques, Université Gaston-Berger, Saint-Louis, Senegal
Marc Bourgeois  
Droit fiscal et droit des finances publiques  
(Tax Institute), Université de Liège, Liège, Belgium

#### Chair:
Garrett W. Brown  
Health Research, University of Leeds, POLIS, UK

#### Discussant and Synthesis:
Denis Porignon  
Health System Governance and Financing Department, World Health Organisation, Switzerland

#### 14:00 – 15:30
**Room 1C**
**Track 4: Health Systems**

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<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>14:00 – 14:05</td>
<td><strong>Introduction.</strong> Brown G.W. (UK)</td>
</tr>
</tbody>
</table>
| 14:05 – 14:12 | Understanding the inequalities in health care utilisation to design UHC policies in Senegal: An analysis by the decomposition method.  
Samba M. (Senegal) |
| 14:12 – 14:19 | Strategic purchasing for health: Conceptual and implementation challenges in low- and middle-income countries.  
Paul E. (Belgium) |
| 14:19 – 14:26 | Providing services to non-contributing members:  
How community-based health insurance coped with the implementation failures of the fee exemption policy in the department of Kaolack, Senegal.  
Deville C. (Belgium) |
| 14:26 – 14:33 | How to support the design of universal health coverage policies through better information sharing and support to evidence-informed decision-making? Co-construction of a UHC observatory in Senegal.  
Labat A. (Belgium) |
| 14:33 – 14:40 | From UHC policy to its translation into the legal and institutional framework – With examples from Senegal.  
Bourgeois M. (Belgium) |
| 14:40 – 14:47 | For universal health coverage to happen, health systems need to be strengthened: The case of Senegal.  
Ndiaye Y. (Senegal) |
| 15:17 – 15:30 | Transversal Lessons and Concluding Lessons  
Porignon D. (Switzerland) |

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### Track 5: Age-Related Care

#### 14:00 – 15:30
**Room 3A**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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</table>
Bronowski C., Parker E.P.K., Sindhu K.N.C., Praharaj I., Babji S., Chinyama E., Darby A.C., Grassly N., Kang G., Iturriza-Gomara M. on behalf of the RoVI Consortium (UK, India & Malawi) |
Adetokunboh O.O., Ndwandwe D., Awotwi A., Uthman O.A., Wiysonge C.S. (South Africa & UK) |
| 14:40 – 15:00 | Factors associated with the non-completeness of the immunization schedule in children aged 12 – 23 months in the health zone of Binza Ozone, 2016.  
Bile F., Mvumbi G., Okitolonda V., Babakazo P. (Congo) |
### Programme by Day

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<td>15:20 – 15:30</td>
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<td>14:00 – 15:30</td>
<td><strong>Track 3: One Health and Early Careers</strong></td>
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#### Organised session:

**Snakebite: where are we now, a global view**

**Chair:**

Dr David Williams, Global Snakebite Initiative, Australia

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<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>14:00 – 14:15</td>
<td>Use of two antivenoms for snakebite envenoming in Agok, South Sudan.</td>
<td>Gabriel Alcoba (Switzerland)</td>
</tr>
<tr>
<td>14:15 – 14:30</td>
<td>SNAKE-BYTE: First national epidemiological study on snakebite shows high annual incidences in Nepal and Cameroun.</td>
<td>Gabriel Alcoba (Switzerland)</td>
</tr>
<tr>
<td>14:30 – 14:45</td>
<td>A One Health approach to snakebite and its impact in rural communities.</td>
<td>Sara Babo Martins (Switzerland)</td>
</tr>
<tr>
<td>14:45 – 15:00</td>
<td>Failure of Mexican antivenom to improve correction of coagulopathy in crotalinae envenomations in French Guiana.</td>
<td>Sèbastien Lannéché (France)</td>
</tr>
<tr>
<td>15:00 – 15:15</td>
<td>Snakebites envenomation in the Brazilian Amazon: A cost of illness.</td>
<td>Samara Magalhães (Brazil)</td>
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<tr>
<td>15:15 – 15:30</td>
<td>Discussion</td>
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<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>16:00 – 16:08</td>
<td>Noma prevalence study, northwest Nigeria 2018.</td>
<td>Farley E., Modupe O.J., Schuurmans J., Saleh F., Ihekweazu C., Lenglet A., on behalf of the noma prevalence working group. (Nigeria, South Africa &amp; The Netherlands)</td>
</tr>
<tr>
<td>16:48 – 17:00</td>
<td>Discussion</td>
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## Programme by Day

### Thursday 19 September 2019

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<th>Time</th>
<th>Room</th>
<th>Track 5: Age-Related Care</th>
</tr>
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<tbody>
<tr>
<td>16:20 – 16:40</td>
<td></td>
<td>Mobile foot care unit – An innovative approach by LEPRA in Bihar, India. Singh R.K., Kumar S., Kumar D. (India)</td>
<td>16:20 – 16:40</td>
<td></td>
<td>Literature review. The impact of household air pollution and effectiveness of clean-burning cookstoves on maternal and neonatal health. McIntosh A. (UK)</td>
</tr>
<tr>
<td>16:40 – 17:00</td>
<td>Room 1C</td>
<td>Kala-azar vector (Phlebotomus argentipes; diptera: psychodidae) control in Bangladesh: A cluster randomised controlled trial. Chowdhury R., Faria S., Huda M.M., Chowdhury Y., Mondal D., Akhter S., Akter S., Nabi S.G., Dash A.P., Banu Q. (Bangladesh &amp; India)</td>
<td>16:40 – 17:00</td>
<td>Room 3B</td>
<td>A mixed methods evaluation of the feasibility and efficacy of implementing integrated management of childhood illnesses through use of mobile technology in a developing country setting. Munir M., Siddique D.A., Hussain O., Habib A., Khan A.J., Chandir S. (Pakistan, Singapore &amp; Dubai)</td>
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<tr>
<th>Time</th>
<th>Room</th>
<th>Track 4: Health Systems</th>
<th>Time</th>
<th>Room</th>
<th>Track 6: External Factors Influencing Future Health</th>
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Programme by Day

Thursday 19 September 2019

**Room 1A**

**Track 2: Treatment/Patient Care**

**Organised Session:**
Cutaneous Leishmaniasis: Global burden, mental consequences and treatment opportunities.

**Organiser:**
Drugs for Neglected Diseases Initiative, Geneva, Switzerland

**Chairs:**
Arana B. (Switzerland) and Alvar J. (Switzerland)

**17:00 – 17:15**
Global disease burden of cutaneous leishmaniasis.
Acosta–Serrano A. (UK)

**17:15 – 17:30**
Cutaneous leishmaniasis: Clinical myths and realities.
Uzun S. (Turkey)

**17:30 – 17:45**
The psychosocial burden of localised cutaneous leishmaniasis – A point of view.
Bennis I. (Morocco & Belgium)

**17:45 – 18:00**
Psychological and psychosocial consequences of zoonotic cutaneous leishmaniasis among women in Tunisia.
Bellali H. (Tunisia)

**18:00 – 18:15**
The future of global treatment of cutaneous leishmaniasis.
Arana B. (Switzerland)

**18:15 – 18:30**
Discussion

**Room 1B**

**Track 1: Prevention**

**17:00 – 17:20**
Vertical transmission of Zika virus in Culex quinquefasciatus Say and Aedes aegypti (L.) mosquitoes.

**Room 1C**

**Track 4: Health Systems**

**17:00 – 17:20**
Mutual funds in Burundi: An opportunity for universal health coverage or only a vestige of coloniality in health systems?
Sere F., Nkurunziza E., Durnez D., Van Belle E. (Belgium)

**17:20 – 17:40**
Health systems factors predicting severe maternal outcomes in two South African hospitals: A case-control study.
Thwala S.B.P., Blaauw D., Buchmann E., Ssengooba F. (South Africa, South Africa & Swaziland)

**17:40 – 18:00**
Spreading international health in primary care.

**18:00 – 18:20**
The efficacy of the village health club in contributing to sustainable management of childhood malaria.
Ochieng D., Dr.Gudoi S.S., Bwanika J.B., Tushabe B., Ssegawa E., Ngabirano T., Opigo, Abesiga H., Businge H.L., Nampeera V. (Uganda)

**18:20 – 18:30**
Discussion.

**Room 1A**

**17:20 – 17:40**
Molecular epidemiology and genetic diversity of Zika virus from field-caught mosquitoes in various regions of Thailand.

**17:40 – 18:00**
Sentinel surveillance through travellers: Evaluation of an FTA card based mosquito saliva trap for arbovirus monitoring.
Hedrich N., Vavassori L., Guedes R.D., Paiva M. H.S., Beuret C., Neumayr A., Müller P. (Switzerland & Brazil)

**18:00 – 18:30**
Discussion

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| 17:00 – 17:15 | Risk factors for mortality in children aged 5 – 14 years hospitalised with pneumonia: A retrospective cohort study.  
*Macpherson L., Ogero M., English M, Agweyu A.* (Kenya & UK) |
| 17:15 – 17:30 | Schistosoma mansoni infection amongst school-age children in Marolambo, Madagascar: Results from a three year annual follow-up study.  
| 17:30 – 17:45 | An enigma of extra-pontine myelinosis in primary adrenal insufficiency.  
*Bhattarai S., Reddy S.S., Santosh H.S.* (UK & India) |
| 17:45 – 18:00 | The impact of insulin donations for children in 43 low- and middle-income countries.  
*Hogerzeil H.V., Recourt S.* (The Netherlands) |
| 18:00 – 18:30 | Discussion. |
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Conventional and molecular determination of drug resistance in Mycobacterium tuberculosis and Mycobacterium bovis isolates in cattle
Sweetline Anne N., Ronald B.S.M., Senthi Kumar T.M.A., Thangavelu A. (India)

PS328
Regulatory T cells as potential targets for HIV cure research
Kleinman A.J., Sivanandham R., Pandrea I., Chougnet C.A., Apetrei C. (USA)

PS329
Toxicity associated with tuberculosis chemotherapy in the REMoxTB study
Tweed C.D., Crook A.M., Amukoye E.I., Dawson R., Diaco A.H., Hanekom M., McHugh T.D., Mendel C.M., Meredith & Guinea-Bissau)

PS330
Prevalence, HIV co-infection and multi-drug resistance of smear positive pulmonary tuberculosis in prison settings of Northwest Ethiopia
Teklay G., Belay T., Baye G. (Ethiopia)

PS331
Linkage to HIV care and starting art in Sub-Saharan Africa: Understanding a complex problem through the meta-study of qualitative research
Lungu N., Lawrence D.S., Tsholo K., Jarvis J.N. (UK & Botswana)

PS332
Effect of reliance on Xpert MTB/RIF on time to treatment and multidrug resistant tuberculosis in Tanzania: A retrospective cohort study
Miolé E.W., Lekule I., Lyen L., Decroo T. (Tanzania & Belgium)

PS333
Incidence rates for tuberculosis among HIV infected patients in Northern Tanzania
Miolé E., Maokola W., Todd J., Mahande J., Msuya S. (Tanzania & UK)

PS334
Medical imaging in hospitalized patients treated for tuberculosis in a reference hospital in Rwanda. A focus on dissemination status
Bitunguhari L., Marzi O., Walker T., Clerinx J. (Rwanda, Australia & Belgium)

PS335
Mid-upper arm circumference is a predictor of tuberculosis wasting
Patsche C.B., Rudolf F., Siha A., Wejse C. (Denmark & Guinea-Bissau)

PS336
Sexual transmitted disease in pregnant women – Kisantu health Zone, Democratic Republic of Congo, 2017

PS337
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PS338
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PS339
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PS340
Gender dimensions of tuberculosis (TB) – Examining under-reporting among men in Tanzania
Sawhney M. (USA)

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Three out of four women are not screened for Hypertensive Disorders in Pregnancy in Kinshasa, Democratic Republic of Congo
Nkamba M.D., Ditekemena J., Wembodinga G., Tshetu K.A., Robert A. (DRC & Belgium)

PS475
Epidemiology and economic impact of giardiasis: Study among paediatric outpatients in eastern Spain
Saura-Carretero Z., Pérez-Olaso O., Sánchez-Trevenet P., Real-Fernández A., Alexandre-Górriz I., Gregori-Roig P. (Spain)

PS476
Curbing maternal fetal mortality (evidence from Rwanda): Recommendations for seizing preeclampsia
Irudukunda C., Sawfriere M. (Rwanda & USA)

PS478
The effects of health care access on child nutritional status in Kenya
Kiptoo C. (Nairobi)

PS479
Motivators and barriers to exclusive breastfeeding and diversity of complementary feeding in a rapidly urbanizing setting in Sierra Leone
Turay H., Sesay F.F., Kalon M., Conteh I., Kargbo A.A., Jalloh U.H., Hodges M.H. (Sierra Leone)

PS480
Determinants of breastfeeding practice in Pujehun District, Sierra Leone: A mixed-method study
Van Breevoort D., Togron F., George M.G., Segafredo G., Pissi E., Van den Broek A., Putoto G. (Sierra Leone, Italy & The Netherlands)

PS481
Assessing risk factors for preeclampsia and eclampsia in a main referral maternity hospital in Freetown, Sierra Leone
Stifterich N., Shepperd J., Koroma M.M., Theuring S. (Germany & Sierra Leone)

PS474
An association between HIV prevalence and socio-economic factors among young people in Zambia: Do neighbourhood contextual effects play a role
Nakazwe C., Micheo C., Fylkesnes M.K., Sanday I.F. (Norway & Zambia)
## Programme by day

**Friday 20 September 2019**

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<td>Organised session 573 / p.134 Severe malaria: Reducing deaths by improving quality of care</td>
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<td><strong>Organised session</strong> 10:30 – 12:00 Dignity and rights in sexual and reproductive health services and care</td>
<td><strong>Organised session</strong> 10:30 – 12:00 Splicing the schemes: Quality assessment for molecular diagnostics of parasites</td>
<td><strong>Organised session</strong> 10:30 – 12:00 Structured Operational Research and Training Initiative (SORT IT) for Neglected Tropical Diseases (NTDs) control and elimination in Ethiopia</td>
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<td>10:30 – 13:00</td>
<td>10:30 – 12:00 581 / p.139 Asset management in Health in Sub-Saharan Africa: New perspectives?</td>
<td>10:30 – 12:00 230 / p.140 Going Viral: Insider tips on getting your story on the front page for the right reasons</td>
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<td>10:30 – 12:00</td>
<td>10:30 – 12:00 585 / p.141 Practical steps in addressing disability and wellbeing in NTD research and programmes</td>
<td>08:00 – 10:00 586 / p.143 Skin NTDs</td>
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</table>
Plenary

12:00 – 13:00  Room 1 – The Auditorium

12:00 – 12:20
Closing plenary

Speaker:
David Lalloo
Director of the Liverpool School of Tropical Medicine (LSTM)

12:30 – 12:45
Closing remarks

Chair:
Tamar Ghosh
Chief Executive, Royal Society of Tropical Medicine and Hygiene and Director, ECTMIH 2019

Dr Adrian Hopkins
Chair of the Scientific Committee, ECTMIH 2019

12:45 – 13:00
Karel Gyselinck
President FESTMH

13:00
Lunch
Lunch bags will be available on your way out of the venue
### Programme by Day

**Friday 20 September 2019**

#### Room 1A

**08:00 – 09:00**

**Track 2: Treatment/Patient Care**

**08:00 – 08:20**


**08:20 – 08:40**

The challenge of the laboratory diagnosis in a confirmed congenital Zika virus syndrome in utero: A case report.

**08:40 – 09:00**

Discussion.

#### Room 1B

**08:00 – 08:20**

Increasing uncertainty on the dengue vaccine: A thematic analysis of the acute media coverage of the Philippine dengue vaccination.
Valido E., Jumalon N.J., Roberto G. (Philippines)

**08:20 – 08:40**

Impact of concomitant administration of oral or injectable poliovirus vaccine on rotarix immunogenicity in South India.

**08:40 – 09:00**

Abstract

Ex vivo evaluation of cellular immune responses elicited in human PBMC by live attenuated leishmania parasite vaccine candidate.
Salotra P., Avisekh K., Selvapandiyam A., Gannavaram S., Ramesh V., Nakhasi H.L. (India & USA)

#### Room 1C

**08:00 – 08:20**

Participatory research methods to improve community engagement and programme coverage for mass drug administration.

**08:20 – 08:40**

The PARASAHARA project: Schistosomiasis Epidemiology and control at the Lakes of Ounianga in the Sahara Desert in Chad.
Moser W., Ott R., Balli A.A., Greter H. (Switzerland & Chad)

**08:40 – 09:00**

The catastrophic economic burden of visceral leishmaniasis in Bangladesh, India, Ethiopia and Sudan: Financial risk protection is not enough.

#### Room 4A

**08:00 – 10:00**

**Organised Session:**
Severe malaria: Reducing deaths by improving quality of care.

**Organiser:**
Medicines for Malaria Venture

**Chair:**
Rietveld H. (Switzerland)

**08:30 – 08:50**

Optimizing case management for severe malaria in the most remote endemic settings: The CARAMAL multi-country initiative.
Signorell A. (Switzerland)

**08:50 – 09:10**

Reducing child mortality from severe malaria in Zambia by increasing rural communities access to pre-referral rectal artesunate
Simuyuni D. (Zambia)
Programme by Day

Friday 20 September 2019

09:10 – 09:30
A rapid assessment of severe malaria in Liberia
Koko V.S. (Liberia)

09:30 – 09:50
Rectal Artesunate Information Education Communication (RASIEC) – A cohort study in Malawi.
Oliff M. (Switzerland)

09:50 – 10:00
Discussion.

08:30 – 10:00 Room 11
Track 2: Treatment/Patient Care 574

Organised Session:
Mycetoma: An update on new evidence, approaches and tools for managing one of the most neglected NTDs
Organisers:
Ahmed Fahal
Mycetoma Research Centre, University of Khartoum, Khartoum, Sudan
Ed Zijlstra
The Drugs for Neglected Diseases initiative (DNDi), Geneva, Switzerland

Chairs:
Hay R. (UK) and Fahal A. (Sudan)

08:30 – 08:33
Introduction.

08:33 – 08:47
A holistic approach to mycetoma management.
Bakhiet S. (Sudan)

08:47 – 09:01
What can we learn from whole genome sequencing of mycetoma patients?
Litvintseva A. (USA)

09:01 – 09:15
Mycetoma and integrated skin NTD management.
Hay R. (UK)

09:15 – 09:29
Molecular diagnosis in mycetoma: From development to implementation.
Van de Sande W.W.J. (The Netherlands)

09:29 – 09:43
MycetOS: An open, inclusive and collaborative network seeking new medicines for mycetoma.
Todd M.H. (UK)

09:43 – 09:57
Integrated management of neglected tropical diseases of the skin.
Asiedu K.B. (Switzerland)

09:57 – 10:00
Wrap Up

08:30 – 10:00 Room 12
Track 3: One Health 575

Organised Session:
Solutions-driven PhD training in neglected tropical diseases (NTDs) – The necessary and challenging collaboration between academic and non-academic institutions
Organisers:
Albert Picado
Barcelona Institute for Global Health (ISGlobal), Spain and EuroLeish.Net Consortium (H2020 MSCA ITN) Consortium, Barcelona, Spain

Chairs:
Picado A. (Spain) and Croft S. (UK)

08:30 – 08:42
EuroLeish.net training network: Control of leishmaniasis, from bench to bedside and community – Outcomes and lessons learned.
Picado A. (Spain)

08:42 – 08:54
Opportunities and challenges of non-academic collaborations during PhD training.
Pissarra J. (France)

08:54 – 09:08
Bridging academia and the private sector: The way forward in doctoral programmes targeting real-world solutions.
Bremer Hinckel B. (Belgium)

09:06 – 09:18
Can leishmania drug resistance knowledge be used in the industrial R&D pipeline?
Hefnawy A. (Belgium)
Programme by Day

Friday 20 September 2019

09:00 – 09:15
Distribution and current infection status of Schistosomiasis mansoni transmitting snails in Guangdong Province of China.
Wu Z. (People’s Republic of China)

09:15 – 09:30
Co-dispersal of the blood fluck schistosoma japonicum and homo sapiens in the neolithic age.
Hu W. (China)

09:30 – 09:45
Syndemic of opisthorchiasis and leptospirosis in Thailand: A nationwide analysis.
Sri B. (Thailand)

09:45 – 10:00
Round Table.

09:00 – 09:30
Research and advocacy, one step closer to evidence-informed policy?
Sunyoto T. (Belgium)

09:30 – 10:00
Round Table.

08:00 – 09:00 Room 13
Track 2: Treatment/Patient Care

08:00 – 08:20
Addressing the social determinants and consequences of tuberculosis.
Dixit K., Wingfield T. (Nepal & UK)

08:20 – 08:40
CNS infections in Africa: Epidemiology, diagnostics, and treatment in 2019.
Mosepele M. (Botswana)

08:40 – 09:00
Discussion.

08:30 – 10:00 Room 14
Track 3: One Health and Early Careers

Organised Session:
Zoonotic helminthiasis in south-east Asia

Organisers:
National Institute of Parasitic Diseases (NIPD), China CDC, Shanghai
National Public Health Institute (NPHI), Sisattanack district, Vientiane, Lao PDR
Regional Network on Asian Schistosomiasis (RNAS)

Chairs:
Zhou X.N. (China CDC) and Sayasone S. (Lao PDR)

08:30 – 08:45
Severe liver morbidity on Khong Islands: An urgent need stating point for future liver fluke free program in Lao People’s Democratic Republic.
Sayasone S. (Lao PDR)

08:45 – 09:00
Integrating ecological approaches to interrupt schistosomiasis transmission: Opportunities and challenges.
Zhou X.N. (China)

09:00 – 10:00
Room 1A
Track 2: Treatment/Patient Care

09:00 – 09:20
Imported malaria in western Romania: A 9 year retrospective study.
Lupu M.A., Lazureanu V.E., Pasat A.A., Olariu T.R. (Romania)

09:20 – 09:40
Community-based screening for chagas disease and strongyloidiasis among Latin American migrants in Alicante, Spain.

09:40 – 10:00

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**Friday 20 September 2019**

**Room 1B**

**09:00 – 09:20**

Track 1: Prevention

**In a setting with limited measles infection, can a measles vaccination campaign reduce all-cause minor morbidity?**

A study nested into a cluster randomized trial among children aged 9 – 59 months in rural Guinea-Bissau, west Africa.


**09:20 – 09:40**

Empowering malaria research in Africa: Controlled human malaria infection in Tanzania, Kenya, Gabon, Mali, Equatorial Guinea and the Gambia to test the efficacy of malaria vaccines and drugs and to investigate innate resistance and acquired immunity to malaria.

Richie T.L., for the International PfSPZ Consortium (USA)

**09:40 – 10:00**

Discussion.

**Room 1C**

**09:00 – 09:20**

Track 4: Health Systems

Sustainable and cost-effective community-based engagement strategies to identify Visceral leishmaniasis in India.

Bajpai N., Kumar S., Meredith S., Sinead R., Das R., Aggarwal V., Misra K., Burza S. (India & UK)

**09:20 – 09:40**

Integrating soil-transmitted-helminthiasis and schistosomiasis control programs in primary health care: A step forward for universal health coverage in endemic areas.

Amor A., Anegagrie M., Barrio E., Tashu B., de los Santos J.J. (Ethiopia & Spain)

**09:40 – 10:00**

Following up community wide treatment for schistosomiasis in three communities from the greater Accra region, Ghana.


**Room 3A**

**09:00 – 09:15**

Track 5: Age-Related Care

Mortality rates among older persons in rural Uganda: Implication to the health care system.

Ddumba I., Kajungu D., Natukwatsa D., Ssentamu D. (Uganda)

**09:15 – 09:30**

The prevalence of common mental health disorders among middle-aged women in Sri Lanka.

Dheerasinghe D.S.A.F., Kathriarachchi S., Seneviratne H.R., Cader M., Fonseka P. (Sri Lanka)

**09:30 – 09:45**

‘Unless I can work, I am worthless’ the emotional impact of acute adenolymphangitis in those with podoconiosis: A case study in Wayu Tuka Woreda, Oromia, western Ethiopia.

Phillips C., Samuel A., Tiruneh G., Deribe, K., Davey G. (UK & Ethiopia)

**09:45 – 10:00**

Health determinants of cardiovascular outcomes in people living with HIV on antiretroviral therapy in Rwanda – A study protocol review.

Dushimiyimana V., Twagirumukiza M., Kateera B., Mucumbitsi J., Ntusi N.A.B., Condo J., Callens S. (Belgium, Rwanda & South Africa)

**Room 3B**

**09:00 – 10:00**

Organised Session: Footwear and Footcare in NTDs/ NCD – It is part of treatment not the cosmetic or luxury.

This workshop consists of: Short introduction on importance of footwear in foot care Voice of Person with disability – A short film on quality footwear

Lepra Journey of Footwear in footcare from 1998 – 2019 SOP for footwear will be distributed to participants Open session – interaction

Organiser: LEPRA Society, India

Chair: Singh R.K. (UK & India)

Speakers: Chandra Lal K. Association of people affected by Leprosy (APAL), India Singh R.K. LEPRA Society, India
**Programme by Day**

**Friday 20 September 2019**

### 09:00 – 10:00
**Room 13**

**Track 2: Treatment/Patient Care**

**09:00 – 09:15**

221

The EKOS project – Development of a novel concept to ensure infectiological-medical care in German tertiary care hospitals of patients suffering from high consequence infectious diseases.

Stitterich N., Heim K., Grünewald T., Rößler S., Schöpke T., Koeppen M., Lichtner E., Rösler U., Gröschke D., Kratz T. (Germany)

**09:15 – 09:30**

222

Mortality among confirmed Lassa Fever cases during the 2017 – 2019 outbreak in Ondo State, Nigeria.

Ilesanmi O., Ayodeji O., Abejegah C. (Nigeria)

**09:30 – 09:45**

223

Elder abuse in a selected medical officer of health area in the district of Colombo: Prevalence and correlates of physical, emotional, financial abuse and neglect from first community based study in Sri Lanka.

Samaraweera PC., Sivayogan S., Kathiriaarachchi S. (Colombo & Sri Lanka)

**09:45 – 10:00**

224

Drug discovery efforts and development of kinetoplastid assays Novartis institutes for tropical diseases.

Pei L., Saldivia Concepcion M., Cheung H., Chen Y.L., Rao S., Williams S., Gable J., Song J.G., Patra D., Jiricek J. (USA)

### 10:30 – 12:00
**Room 1A**

**Track 2: Treatment/Patient Care**

**10:30 – 11:00**

Chagas disease, an epidemiological challenge in Europe.

Albajar Viñas P. (Switzerland)

**11:00 – 11:15**

Case management of imported urogenital schistosomiasis: Proposed consensus recommendations by SIMET.

Zammarchi L. (Italy)

**11:15 – 11:30**

Strategies and tools for the screening of strongyloidiasis in migrants.

Buonfrate D. (Italy)

**11:30 – 11:45**

Autochthonous arboviroses outbreaks in the Mediterranean region – Innovative predictive data analysis platform

Molina I. (Spain)

**11:45 – 12:00**

Human fascioliasis as emerging NTD and access to triclabendazole.

Mas-Cornà S. (Spain)

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**Organised Session:**

Neglected Tropical Diseases (NTDs) in Europe: Emerging diseases on the move.

**Organisers:**

Società Italiana di Medicina Tropicale e Salute Globale (SIMET)
Société de Pathologie Exotique (SPE)
Sociedad Española de Medicina Tropical y Salud Internacional (SEMTSI)

**Chairs:**

Albonico M. (Italy), Bargues M.D. (Spain)
and Jannin J. (France)

**11:00 – 11:15**

Chagas disease, an epidemiological challenge in Europe.

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**Organised Session:**

New biomarkers for point-of-care malaria diagnostic tests.

**Organiser and Chair:**

Xavier Ding

FIND, Campus Biotech, Geneva, Switzerland

**10:30 – 10:35**

Introduction

**10:35 – 10:55**

Current status of malaria biomarker candidates for diagnostics: A systematic review.

Yerlikaya S. (Switzerland)

**10:55 – 11:15**

Anti-peptide antibodies against plasmodial GAPDH, LDH and phosphoethanolamine-N-methyltransferase to diagnose Plasmodium falciparum, vivax and knowlesi malaria

Goldring J.P.D. (South Africa)
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Friday 20 September 2019

11:15 – 11:35
Mining the saliva proteome – Discovery, validation, and prototype design for a non-invasive rapid malaria diagnostic.
Hamerly T. (USA)

11:35 – 11:55
Host severity markers to risk-stratify malarial and non-malarial febrile illness in children in Sub-Saharan Africa.
Kain K. (Canada)

11:55 – 12:00
Discussion.

10:30 – 12:00       Room 1C
Track 4: Health Systems  580

Organised Session:
B!RTH – Are health systems failing to meet the needs of women?
Organiser:
Laura Green
BIRTH Project – Liverpool School of Tropical Medicine, Liverpool, UK
Panelists:
Nynke van den Broek
Head of Centre for Maternal and Newborn Health, Liverpool School of Tropical Medicine, UK
Seth Cochran
Founder and CEO, Operation Fistula
Gillian Slinger
Senior Project Manager, FIGO Fistula Surgery Training Initiative

10:30 – 10:45
Introduction to the project and theme.

10:45 – 11:10
Performance of ‘Orchid’ by professional actors directed by B!RTH Creative Director.

11:10 – 12:00
Expert panel debate and Q&A from audience members.

10:30 – 12:00       Room 3A
Track 4: Health Systems  581

Organised Session:
Asset management in Health in Sub-Saharan Africa: New perspectives?
Organisers:
Be-cause health; Institute of Tropical Medicine, Antwerpen, Belgium
Belgian Development Agency, ENABEL, Brussels, Belgium
Humatem, Les Houches, France
AZV - Medics without vacation, Mechelen, Belgium

Chairs:
Van Bastelaere S. (Belgium) and Narayanan S. (Rwanda)

10:30 – 10:50
Provincial medical equipment workshop – Quicker and efficient maintenance.
Narayanan S. (Rwanda)

10:50 – 11:10
Setting up a comprehensive maintenance system at district level in Burundi: An action-research
Beniacoub F. (Burundi)

11:10 – 11:30
Development, implementation, and national roll-out of a computerized maintenance management system in Burundi.
Ntwari F. (Burundi)

11:30 – 11:50
Biomedical skills building program for hospital technicians in South Kivu, DRC.
D’Haeze L. (Belgium)

11:50 – 12:00
Discussion.
Programme by Day

10:30 – 12:00

Track 4: Health Systems

Organised Session:
Going Viral: Insider tips on getting your story on the front page for the right reasons.
In this interactive session, a doctor-scientist turned journalist will outline an algorithm which introduces the key criteria that make for compelling stories that will pique the interest of a newspaper editor or TV news producer. In a workshop, participants will put the criteria to practice by developing a “pitch” for an editor. The lessons shared offer an alternative approach to traditional “public communications” or “media relations” methods.

Organiser and Chair:
Blair Bigham
Global Journalism, Munk School of Global Affairs and Public Policy, University of Toronto; Dept. of Medicine, McMaster University, Hamilton and Canadian Broadcasting Corporation, Toronto, Canada

10:30 – 12:00

Track 5: Age-Related Care

Organised Session:
Dignity and rights in sexual and reproductive health services and care.

Organisers:
Netherlands Society for Tropical Medicine and International Health (NVTG), The Netherlands
Be-cause health, Belgian Platform for International Health, Belgium

Chair:
Stekelenburg J. (The Netherlands)

10:30 – 10:40

Introduction
Stekelenburg J. (The Netherlands)

10:40 – 10:50

A grounded theory approach in the development of culturally appropriate psychosocial support for victims of sexual violence in the Democratic Republic of the Congo
Konan E. (DRC)

10:50 – 11:00

Risk and protective factors for the psychosocial well-being of adolescent victims of sexual violence in eastern DRC – Implications for support
Verelst A. (Belgium)

11:00 – 11:10

Risk factors for positive appraisal of mistreatment during childbirth among Ethiopian midwifery students
Bakker R. (The Netherlands)

11:10 – 11:20

Preventing traumatic childbirth experiences: 2192 women’s perceptions and views
Hollander M.H. (The Netherlands)

11:20 – 11:30

Discussion, Conclusions and Recommendations

10:30 – 12:00

Room 4

Track 5: Age–Related Care

Organised Session:
Splicing the schemes: Quality assessment for molecular diagnostics of parasites.

Organisers:
Peter Chiodini and Jaya Shrivastava, UK NEQAS Parasitology, Public Health England, London, UK

Chair:
Shrivastava J. (UK)

10:30 – 10:50

Experience with commercial molecular diagnostics for parasite detection in a routine diagnostic laboratory.
Polley S.D. (UK)

10:50 – 11:10

Laboratory developed molecular tests compliant with ISO15189 for diagnosis of intestinal parasitic infections.
Verweij J.J. (The Netherlands)

11:10 – 11:30

How accurate is the diagnostic performance of your stool PCR? Experiences from an international external quality assessment scheme for PCR-based detection of parasites in clinical stool samples.
Van Lieshout L. (The Netherlands)

11:30 – 12:00

Panel discussion
### Programme by Day

**Friday 20 September 2019**

<table>
<thead>
<tr>
<th>Time</th>
<th>Room 12</th>
<th>Track 4: Health Systems</th>
<th>Session</th>
<th>Organisers</th>
<th>Chairs</th>
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</thead>
<tbody>
<tr>
<td>10:30 – 10:40</td>
<td></td>
<td></td>
<td>Organised Session: Structured Operational Research and Training Initiative (SORT IT) for Neglected Tropical Diseases (NTDs) control and elimination in Ethiopia.</td>
<td>Johan van Griensven and Maria Zolfo, Institute of Tropical Medicine, Antwerp, Belgium; Rony Zachariah, World Health Organization, Geneva, Switzerland; Ermias Diro, University of Gondar, Gondar, Ethiopia</td>
<td>van Griensven J. (Belgium) and Zachariah R. (Switzerland)</td>
</tr>
<tr>
<td>10:40 – 10:50</td>
<td></td>
<td></td>
<td>Chair: Leaving no one behind: Building operational research capacity in public health programmes using the structured operational research and training initiative (SORT IT) model.</td>
<td>Zachariah R. (Switzerland)</td>
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<tr>
<td>10:50 – 11:00</td>
<td></td>
<td></td>
<td>Chair: “Stopping the itch”: Mass drug administration for scabies outbreak control for over nine million people in the Amhara region of Ethiopia.</td>
<td>Enbiale W. (Ethiopia)</td>
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<tr>
<td>11:00 – 11:10</td>
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<td></td>
<td>Chair: Delayed diagnosis and ongoing transmission of leprosy in the post-elimination era in Boru Meda Hospital, Ethiopia: We need to do more.</td>
<td>Getahun S. (Ethiopia)</td>
<td></td>
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</tbody>
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### Track 2: Treatment/Patient Care

<table>
<thead>
<tr>
<th>Time</th>
<th>Room 13</th>
<th>Track 2: Treatment/Patient Care</th>
<th>Session</th>
<th>Organisers</th>
<th>Facilitators</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:30 – 10:35</td>
<td></td>
<td></td>
<td>Introduction and Welcome</td>
<td>Eaton J. (UK)</td>
<td></td>
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<tr>
<td>10:35 – 10:50</td>
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<td></td>
<td>Sharing of experiences by people affected by NTDs</td>
<td>Eaton J. (UK)</td>
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<tr>
<td>10:50 – 11:05</td>
<td></td>
<td></td>
<td>Presentation on evidence in NTDs, inclusion and wellbeing.</td>
<td>Dean L. (UK)</td>
<td></td>
</tr>
</tbody>
</table>
11:05 – 11:20
Examples of policy progress and activities in this area.
Eaton J. (UK)

11:20 – 12:00
Interactive session, building on current progress in inclusive approaches in NTDs and proposed next steps.
Persons affected by NTDs

10:30 – 12:00 Room 14
Track 2: Treatment/Patient Care

Organised Session:
Skin NTDs.

Organisers:
Claire Fuller
International Foundation for Dermatology
Roderick Hay
International Foundation for Dermatology and Kings College London, UK

10:30 – 10:45
Skin disease and skin NTDS – A global challenge for training.

10:45 – 11:00
A preliminary report on the spill over effect of mass drug administration for onchocerciasis on scabies control in Northern Ethiopia.
Yirgu R. (Ethiopia)

11:00 – 11:15
Integrating a holistic care package for podoconiosis, lymphatic filariasis and leprosy into routine health services in Ethiopia – The ENDPOINT Project.
Ahmed O.A. (Ethiopia)

11:15 – 11:30
Geographical distribution and prevalence of podoconiosis in Rwanda: A cross-sectional country-wide survey.
Deribe K. (UK & Ethiopia)

11:30 – 12:00
The prevalences of common infectious skin diseases in the Bijagos archipelago, Guinea-Bissau.
Sammut T. (UK)
History of Stanley Park and Isla Gladstone

Opened in 1870, the Park was designed by Edward Kemp (1817 – 1891) who had assisted Joseph Paxton at Birkenhead Park. It includes structural features by E.R. Robson.

The Isla Gladstone Conservatory was first erected in 1870 and was part of park designer Edward Kemp’s vision to create a usable park space in North Liverpool, providing fresh-air and a place for exercise for the inner-city populace. It was originally intended to house tropical and exotic plants grown in surrounding greenhouses.

Stanley Park was on the edge of the countryside when it was built, but was quickly consumed by the growing city.

The beautiful glass structure designed by Mackenzie and Moncur had sadly, along with the park, fallen into utter disrepute less than a century after it was first built.

Attempts were made in the 1950’s and again during the 1980’s to convert the space, but to no real significance or success. So, after thirty long years of disuse, the Conservatory was but a pile of rusty iron and broken glass, overrun with weeds and hidden behind anti-vandal boards.

But there were a few who could see over the mounds of litter and through the barricade of graffiti, and so, Stanley Park and The Isla Gladstone Conservatory became a major factor in the dream for urban regeneration in Liverpool.

Since 2007, Stanley Park has undergone an extensive £14m transformation with many of the original architectural features and landscape components restored and improved, including the reinstatement of the third lake and the main lake bridge. The Park has also benefited from a new children’s play area, refurbished park bandstand and, most notably, the full reconstruction of the iconic Isla Gladstone Conservatory, which now includes a café restaurant, providing a new facility for the regenerated Park.

www.theislagladstone.co.uk
The congress dinner is now fully booked. If you have booked a ticket, you will receive this registration together with your badge. If you would like to go on the waiting list, please notify reception.

The three-course buffet dinner is at the Isla Gladstone Conservatory (pictured above), one of Liverpool's most iconic venues, showcasing Victorian architecture dating back to 1870.

The coaches will depart at 19:30 from the taxi bay outside the Riverside entrance/exit to the ACC, please see the map opposite for details, they will return to the same location at 23:30.

If you prefer to travel to the venue separately, the drinks reception will start at 20:00, with dinner from 21:00. Coaches will leave at 23:30

**Address:**
Isla Gladstone Conservatory,  
1 Anfield Rd,  
Liverpool L4 0TD.  
Tel: +44 (0) 151 263 0363
### Satellite symposia

<table>
<thead>
<tr>
<th>Tuesday 17 September 2019 13:00 – 14:00</th>
<th>Tuesday 17 September 2019 13:00 – 14:00</th>
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<tbody>
<tr>
<td><strong>Biomérieux</strong></td>
<td><strong>World Bank &amp; World Food Programme</strong></td>
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<tr>
<td>Room 3B</td>
<td>Room 3A</td>
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<tr>
<td><strong>Title:</strong></td>
<td><strong>Title:</strong></td>
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<tr>
<td><strong>Speakers:</strong></td>
<td><strong>Speakers:</strong></td>
</tr>
<tr>
<td>Ann Versporten</td>
<td>Roberta Gatti</td>
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<tr>
<td>Antwerp University, Antwerp, Belgium</td>
<td>Chief economist Human Capital – World Bank</td>
</tr>
<tr>
<td>Use of The Global Point Prevalence Survey on Antimicrobial Consumption and Resistance (Global-PPS) in building capacity for antimicrobial stewardship.</td>
<td>Fernando Lavadenz</td>
</tr>
<tr>
<td>Diane Ashiru-Oredope</td>
<td>Senior health special – World Bank</td>
</tr>
<tr>
<td>(Commonwealth Pharmacists Association, London, UK)</td>
<td>Carmen Burbano</td>
</tr>
<tr>
<td>Supporting antimicrobial stewardship to tackle AMR – implementing G-PPS in 4 LMICs through health partnerships.</td>
<td>School Feeding Director – World Bank</td>
</tr>
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<td></td>
<td>Raphaelle Martinez</td>
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<tr>
<td></td>
<td>Team Lead, Education Policy and Learning – GPE</td>
</tr>
</tbody>
</table>

**Neglected Tropical Disease NGO Network (NNN)**

- Peter Piot: ISHTM
- David Lallo: LSTM
- Katey Owen: BMGF
- Peter Hotez

No lunch will be provided.
<table>
<thead>
<tr>
<th>Tuesday 17 September 2019 13:00 – 14:00</th>
<th>Wednesday 18 September 2019 13:00 – 14:00</th>
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<tbody>
<tr>
<td><strong>Title:</strong> Accelerating Universal Health Coverage: The contribution of research fellows supported by TDR</td>
<td><strong>Title:</strong> Commitment of multiple Public Private Partnerships (PPP) for Neglected Tropical Diseases (NTDs) management. Focus on Human African Trypanosomiasis</td>
</tr>
</tbody>
</table>
| **Speakers:**  
Muhammad Homayoon Manochehr  
The TDR postgraduate training scheme: perspectives from Afghanistan Ministry of Health  
Paul Gwakisa  
A multi-sectoral approach to tackling sleeping sickness in the Maasai steppe of Tanzania  
Atinuke Olaleye  
The TDR Clinical Research and Development Fellowship: perspectives from Babcock University, Nigeria  
Dinesh Mondal  
Research to support elimination of visceral leishmaniasis on the Indian sub-continent | **Speakers:**  
Dr. Guillermo Doll  
Dr. Gerardo Priotto  
Dr. Mwamba Miaka Erick  
Dr. Nathalie Strub-Worgraft |  
Lunch will be provided outside the room |

No lunch will be provided
Travel grant providers

ECTMIH 2019 would like to thank the following travel providers for their support:
The mission of One Health is to provide a platform for rapid communication of high quality scientific knowledge on inter- and intra-species pathogen transmission, bringing together leading experts in virology, bacteriology, parasitology, mycology, vectors and vector-borne diseases, tropical health, veterinary sciences, pathology, immunology, food safety, mathematical modelling, epidemiology, public health research and emergency preparedness.

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Visiting Liverpool

River Mersey

10 minute walk
ECTMIH city centre hotels

<table>
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<tr>
<td>Days Inn</td>
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<tr>
<td>Express by Holiday Inn</td>
<td>B3</td>
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<tr>
<td>Jury’s Inn</td>
<td>B3</td>
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<tr>
<td>Mercure Liverpool Atlantic Tower Hotel</td>
<td>A1</td>
</tr>
<tr>
<td>Novotel</td>
<td>C2</td>
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<tr>
<td>Pullman Liverpool</td>
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<tr>
<td>Premier Inn, Albert Dock</td>
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Key

- **00**: Hotels
- **Merseyrail**
- **National Rail**
- **Bus Station**

20 minute walk
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11th European Congress on Tropical Medicine and International Health
16-20 September 2019
Liverpool, UK

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United Kingdom

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