

PRELIMINARY PROGRAMME – SUBJECT TO CHANGE

**RSTMH Annual Meeting 2019
One Health**

Day one – Tuesday 17th September

Time	Item
07:00 - 08:00	ECTMIH morning seminars
08:00-09:30	ECTMIH plenary - main auditorium
09:30 - 10:00	Break
	Session 1. Chair: Judy MacArthur Clark
10:00 - 10:10	Welcome and introduction <ul style="list-style-type: none"> Judy MacArthur Clark Sandy Trees
10:10 - 10:55	Soulsby lecture 2019 - the changing world from a One Health perspective <ul style="list-style-type: none"> Peter Hotez, Dean for the National School of Tropical Medicine, Baylor College of Medicine.
10:55 - 11:40	Turbo talks <u>The changing world</u> 203 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. 391 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 139 Divergences in anopheles gambiae behaviours and transmission of malaria and lymphatic filariasis in variously urbanised areas in rice fields, Côte d'Ivoire. Julien Zahouli 949 A One Health perspective for schistosomiasis control in Africa? Bonnie Webster OS-019 Archaeogenetics Ophelie Lebrasseur <u>Surveillance</u> 377

	<p>Early outbreak detection through sentinel surveillance system in Senegal. Mamadou Barry.</p> <p>264 A novel method to monitor use of insecticide treated cattle to control human and animal African trypanosomiasis in Tanzania. Rachel Lea</p> <p>480 Crimean-Congo haemorrhagic fever virus seroprevalence in Tanzanian livestock. Ellen Clare Hughes</p> <p>884 Antimicrobial resistant bacteria in animals, food and humans. A study with one health approach. Christian Vinueza-Burgos</p>
11:40 - 12:30	<p>Session 2. Introduction to One Health and Surveillance</p> <ul style="list-style-type: none"> • John Berezowski, Head of Research Group, Veterinary Public Health Institute, Universitat Bern • Hannah Brown, Associate Professor in the Department of Anthropology, Durham University • Eric Fèvre, Chair of Veterinary Infectious Diseases, University of Liverpool
12.30 - 14:00	<i>Lunch, view posters, meetings and seminars</i>
	Session 2 continued. Chair: Eric Fèvre
14:00-15:00	One Health and Surveillance continued - facilitated discussion groups
15:00-15:30	<p>Turbo talks</p> <p><u>One Health and surveillance</u></p> <p>749 Identifying the role of the different reservoir hosts of zoonotic schistosomiasis in West Africa. Elsa Leger</p> <p>1141 Towards a One-Health Cost-Effectiveness Evaluation of African Schistosomiasis Control, A Systematic Review. Louise Vince</p> <p>714 Prevalence and genetic diversity of t. Gondii in pigs from Vucatan, Mexico. Ana Isabel Cubas Atienzar</p> <p><u>One Health</u></p> <p>113 Transmission networks of Cryptosporidium spp. in rural sub-Saharan Africa: a multi-country study. Ralf Krumkamp</p> <p>1128 A dynamic model of bovine brucellosis in Punjab, India</p>

	Hannah Holt 1033 “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 Bhagyalakshmi Chengat Prakashbabu
15:30-16:00	<i>Break</i>
	Session 3. Chair: Sandy Trees
16:00 - 16:15	Turbo talks 860 A One Health approach to investigating sources of infection with cryptosporidium and giardia in rural areas of Tigray, Ethiopia Tsegabirhan K/yohannes Tesama 1066 Poultry value chains shaping avian influenza viral transmission in Bangladesh Guillaume Fournie 817 Zoonoses research in the horn of Africa: a scoping review Lisa Cavalerie
16:15-17:30	Nudging professions to engage in One Health Behavioural Insights Team keynote and panel discussion.
17.30 - 17.45	Wrap up of day 1 – reflections on the day
17:45 - 18:15	RSTMH Awards Ceremony
18:15 - 19:00	RSTMH AGM
18.30 onwards	Reception for RSTMH members and annual meeting attendees (separate venue)

Day two – Wednesday 18th September

Time	Item
07:00 - 08:00	ECTMIH pre-plenary seminars
08:00 - 09:30	ECTMIH Plenary - Main Auditorium
09:30 - 10:00	Break
10:00 - 10:15	Welcome to Day Two <ul style="list-style-type: none"> Sarah Rowland Jones
10:15 - 10:45	Session 1. RSTMH Presidential address
10.45 - 11.35	Session 2. Introduction to One Health and Delivery of Healthcare <ul style="list-style-type: none"> Sarah Cleaveland, Professor of Comparative Epidemiology, University of Glasgow

11.35 - 12:35	One Health and Delivery of Healthcare - facilitated discussion groups
12:30 - 14:00	<i>Lunch, view posters, meetings and seminars</i>
14:00 - 15:00	<p>Session 3. Turbo talks</p> <p><u>Healthcare delivery</u></p> <p>1069 The need to improve access to rabies post-exposure vaccines: lessons from Tanzania. Joel Chagalucha</p> <p>327 Evaluation of barriers to post-exposure prophylaxis in Blantyre, Malawi using a mixed-methods approach. Sarah Stokes</p> <p>679 Management and control of ticks and tick-borne diseases affecting cattle by communal farmers in Zimbabwe. Marvelous Sungirai</p> <p>186 Healthy animals, healthy people: exploring agropastoral health seeking behaviours in response to febrile illness in northern Tanzania. Jennika Virhia</p> <p>471 A proof-of-principle integrated health delivery platform, targeting soil-transmitted helminths (STH) and canine mediated human rabies, results in cost savings and increased breadth of treatment coverage for STH in remote rural communities in Tanzania. Felix Lankester</p> <p>596 Towards effective Opisthorchiasis control in western Siberia Olga Zvonareva</p> <p><u>One Health</u></p> <p>338 Integrating spatially-explicit data and models to inform disease control interventions at the wildlife-livestock interface: the case of human and animal African trypanosomiasis in Serengeti, Tanzania. Jennifer Lord</p> <p>1068 The association of Buruli ulcer disease endemicity with major climatic, epidemiological and socio-environmental factors: a geospatial analysis from southern Nigeria. Karl Philipp Puchner</p> <p>755 Network analysis of dairy cattle movement and its implication on Bovine Tuberculosis spread and control in emerging dairy belts of Ethiopia. Getnet Abie Mekonnen</p>

15:00 - 15:30	Session 4. Feedback from Surveillance group discussions
15:30 - 16:00	<i>Break</i>
16:00 - 16:30	Feedback from Delivery of Healthcare group discussions
16:30 - 18:00	What is the role of RSTMH in Delivering One Health? Super-Panel response & discussion <ul style="list-style-type: none">• Chair: Chris Whitty, Chief Scientific Adviser for the Department of Health and Social Care• Graeme Cooke, Deputy Chief Veterinary Officer (DCVO) and DEFRA SRO for disease surveillance and One Health• Christie Peacock, Sidai Africa• Sandy Trees, Member of the House of Lords