

RSTMH Annual Meeting 2019
One Health
DRAFT AGENDA – subject to change

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
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 – 12.05	Session 2. Nudging professions to engage in One Health
12.05 – 12.30	Session 3 Chair: Turbo talks on the changing world and surveillance 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) 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 Zahouli (Côte d'Ivoire) A One Health perspective for schistosomiasis control in Africa? Bonnie Webster (UK)
12.30 - 14:00	<i>Lunch, view posters, meetings and seminars</i>

14:00-14.40	<p>Session 4 Chair: Turbo talks on the changing world and surveillance</p> <p>Past human-animal interactions and the evolution of zoonoses in Ethiopia: A contribution from archaeology and ancient genetics Ophelie Lebrasseur (UK)</p> <p>Early outbreak detection through sentinel surveillance system in Senegal Mamadou Barry (Senegal)</p> <p>A novel method to monitor use of insecticide treated cattle to control human and animal African trypanosomiasis in Tanzania Rachel Lea (UK)</p> <p>Crimean-Congo haemorrhagic fever virus seroprevalence in Tanzanian livestock Ellen Clare Hughes (UK)</p> <p>Antimicrobial resistant bacteria in animals, food and humans. A study with one health approach Christian Vinueza-Burgo (Ecuador)</p>
14:40 - 15.30	<p>Session 5. Chair: Eric Fèvre</p> <p>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 <p>More speakers tbc</p>
15:30-16:00	<p><i>Break</i></p>
16:00-17:00	<p>Session 5. Chair: One Health and Surveillance continued - facilitated discussion groups</p>
17:00-17:45	<p>Turbo talks</p> <p>Identifying the role of the different reservoir hosts of zoonotic schistosomiasis in West Africa Elsa Leger (UK)</p> <p>Towards a One-Health cost-effectiveness evaluation of African schistosomiasis control, a systematic review Louise Vince (UK)</p> <p>Prevalence and genetic diversity of t. Gondii in pigs from Vucatan, Mexico Ana Isabel Cubas Atienzar (UK)</p> <p>Transmission networks of <i>Cryptosporidium spp.</i> in rural sub-Saharan Africa: a multi-country study Ralf Krumkamp (Germany)</p> <p>A dynamic model of bovine brucellosis in Punjab, India Hannah Holt (UK)</p> <p>“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 (UK)</p>

	<p>A One Health approach to investigating sources of infection with cryptosporidium and giardia in rural areas of Tigray, Ethiopia Tsegabirhan K/yohannes Tesama (Norway)</p> <p>Poultry value chains shaping avian influenza viral transmission in Bangladesh Guillaume Fournie (UK)</p> <p>Zoonoses research in the horn of Africa: a scoping review Lisa Cavalerie (Ethiopia)</p>
17.45 -18:00	Wrap up of day 1
18:00 - 18:30	RSTMH Awards Ceremony
18:30 - 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 – Chair: Sarah Rowland Jones
10:15 - 10:45	Session 1. RSTMH Presidential address – Malcolm Molyneux
10.45 - 11.35	<p>Session 2. Chair: Sarah Cleaveland</p> <p>Introduction to One Health and delivery of healthcare</p> <ul style="list-style-type: none"> • Sarah Cleaveland, Professor of Comparative Epidemiology, University of Glasgow • Cathy Roth, DfID • More speakers tbc
11.35 - 12:35	<p>Session 2 continued</p> <p>One Health and delivery of healthcare - facilitated discussion groups</p>
12:30 - 14:00	<i>Lunch, view posters, meetings and seminars</i>
14:00 - 15:00	<p>Session 3. Chair: Peter Stevenson</p> <p>Turbo talks on One Health and delivery of healthcare</p> <p>The need to improve access to rabies post-exposure vaccines: lessons from Tanzania Joel Changalucha (Tanzania)</p> <p>Evaluation of barriers to post-exposure prophylaxis in Blantyre, Malawi using a mixed-methods approach Sarah Stokes (UK)</p> <p>Management and control of ticks and tick-borne diseases affecting cattle by communal farmers in Zimbabwe Marvelous Sungirai (Zimbabwe)</p>

	<p>Healthy animals, healthy people: exploring agropastoral health seeking behaviours in response to febrile illness in northern Tanzania Jennika Virhia (UK)</p> <p>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 (Tanzania)</p> <p>Towards effective Opisthorchiasis control in western Siberia Olga Zvonareva (The Netherlands)</p> <p>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 (UK)</p> <p>The association of Buruli ulcer disease endemicity with major climatic, epidemiological and socio-environmental factors: a geospatial analysis from southern Nigeria Karl Philipp Puchner (Germany)</p> <p>Network analysis of dairy cattle movement and its implication on Bovine Tuberculosis spread and control in emerging dairy belts of Ethiopia Getnet Abie Mekonnen (Ethiopia)</p>
	Session 4: Chair: Chris Whitty
15:00 - 15:30	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	<p>What is the role of RSTMH in Delivering One Health?</p> <p>Super-Panel response & discussion</p> <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

Day three – Thursday 19th September

14.00 – 15.30 Organised Session on Snakebites

Use of two antivenoms for snakebite envenoming in Agok, South Sudan

Gabriel Alcoba (Switzerland)

SNAKE-BYTE: First national epidemiological study on snakebite shows high annual incidences in Nepal and Cameroon

Gabriel Alcoba (Switzerland)

A One Health approach to snakebite and its impact in rural communities

Sara Babo Martins (Switzerland)

Failure of Mexican antivenom to improve correction of coagulopathy in crotalinae envenomations in French Guiana

Sébastien Larréché (France)

Snakebites envenomation in the Brazilian Amazon: A cost of illness

Samara Magalhães (Brazil)

Snakebite management and the challenge of snake identification: Empowering neglected communities with artificial intelligence?

Rafael Ruiz de Castañeda (Switzerland)

Day Four – Friday 20th September

08.30 – 10.00 Parallel Sessions

Organised Session:

Solutions-driven PhD training in neglected tropical diseases (NTDs); the necessary and challenging collaboration between academic and non-academic institutions

Organised Session:

Zoonotic helminthiasis in South-east Asia