**Scientific Programme**

**Sunday, 06 September 2015**

<table>
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<th>Time</th>
<th>Event</th>
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<tr>
<td>17:00 - 19:15 PL1</td>
<td><strong>Opening session</strong></td>
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<td>17:00 - 17:10</td>
<td><strong>Musical Welcome: Schola Cantorum Basiliensis, Basel</strong></td>
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<td>17:10 - 17:20</td>
<td><strong>Welcome by Congress Co-Chairs</strong>&lt;br&gt;Christoph Hatz (Basel, CH)</td>
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<td>17:20 - 18:00</td>
<td><strong>Greetings from the authorities</strong>&lt;br&gt;Guy Morin (Basel, CH)&lt;br&gt;Anton Lauber (Basel, CH)&lt;br&gt;Mauro Dell’Ambrogio (Bern, CH)&lt;br&gt;Pascal Strupler (Bern, CH)&lt;br&gt;Manuel Sager (Bern, CH)&lt;br&gt;Line Matthiessen (Brussels, BE)&lt;br&gt;Nkandu Luo (Lusaka, ZM)&lt;br&gt;Gerri McHugh (London, GB)</td>
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<tr>
<td>18:00 - 18:15</td>
<td><strong>Musical Entr’acte: Schola Cantorum Basiliensis, Basel</strong></td>
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<td>18:15 - 18:20</td>
<td><strong>Introduction to inaugural plenaries by Chairman of the Scientific Committee</strong>&lt;br&gt;Marcel Tanner (Basel, CH)</td>
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<td>18:20 - 18:40</td>
<td><strong>Challenges of global health in post-MDG area: the public and global health perspective</strong>&lt;br&gt;Matshidiso Moeti (Brazzaville, CG)</td>
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<tr>
<td>18:40 - 19:00</td>
<td><strong>Challenges of global health in the post-MDG area: a science perspective</strong>&lt;br&gt;Peter Piot (London, GB)</td>
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<td>19:00 - 19:15</td>
<td><strong>Musical Closure: “Stickstoff”</strong></td>
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<td><strong>Refreshments</strong></td>
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<td>20:45 - 22:15</td>
<td><strong>Ce n’est pas une vie que de ne pas bouger</strong>&lt;br&gt;a movie on the life of Alexandre Yersin, the discoverer of Plague. In presence of the Director Stephan Kleeb.</td>
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Other meetings, San Francisco
Scientific Programme

Monday, 07 September 2015

09:00 - 09:30  PL2  Disease systems

Plenary Session, San Francisco

Chair: Manuel Battegay (Basel, CH)

Medical HIV prevention: science, public health and medical ethics
Jens D. Lundgren (Copenhagen, DK)

09:30 - 10:00  PL3  Health and social systems

Plenary Session, San Francisco

Chair: Sharon Fonn (Johannesburg, ZA)

Managing decentralisation and community participation
Margaret Gyapong (Accra, GH)

10:30 - 12:00  5.1.1.  Molecular approaches for health

From research to implementation, San Francisco

Convener and Chair: Hans-Peter Beck (Basel, CH)

10:30 - 11:00
Proteomics to investigate developmental differentiation in Trypanosomes
Falk Butter (Mainz, DE)

11:00 - 11:15
A multi-protein complex between the GPI-anchored CyRPA with PfRH5 and PfRipr is crucial for Plasmodium falciparum erythrocyte invasion
Emmanuel Amlabu (Anyigba, NG)

11:15 - 11:30
Assessing the var gene expression of CIDRα1-subtypes associated with EPCR-binding in Plasmodium falciparum parasites isolated from hospitalized Tanzanian children with severe malaria
Sixbert Isdory Mkumbaye (Moshi, TZ)

11:30 - 11:45
A hybridization-based enrichment strategy to increase the accuracy of next generation sequencing in phylogenetic analysis of dengue viruses in Sri Lanka
October M. Sessions (Singapore, SG)

11:45 - 12:00
Protein transport mechanisms in Plasmodium falciparum as novel antimalarial drug targets
Khushboo Rawat (New Delhi, IN)
Scientific Programme

From research to implementation, Sydney

**10:30 - 12:00  5.3.1. Challenges of research targeting children health in resource poor settings and the uptake of results**

- After 15 years of global effort on the Millennium Development Goals (MDGs) attention has turned to framing the next decade’s efforts to better global health in the developing world. Research targeting child health faces particular challenges that cover the whole spectrum, from fundamental health research to implementation research, and with very different aspects, such as methodological, regulatory, ethical, social and financial. A further challenge is the development and maintenance of health systems capable of absorbing, adapting and embracing new innovations and good practices. The European Commission, Directorate-General for Research and Innovation, and the European and Developing Countries Clinical Trials Partnership are organising a symposium where researchers from academia and industry, policy makers, regulators and funders can present different aspects and discuss what has and what has not worked in the delivery of healthcare solutions in developing countries settings. The aim is to explore strategies, synergies and the way forward for the implementation of health research results for long-term effectiveness as part of the new Sustainable Development Goals.

During the symposium lasting 1.5 hours, a panel of speakers from different backgrounds and research areas, including industry, will present their experiences in promoting the uptake of their results, the interest of health authorities in their work and how best to ensure that results are put into practice. A discussion will follow to generate ideas to improve the implementation of research results.

Convener and Chair: Line Matthiessen (Brussels, BE)
Chair: Charles Mgone (The Hague, NL)

**10:30 - 10:40**

**Introduction by the co-chairs**

Line Matthiessen (Brussels, BE)
Charles Mgone (The Hague, NL)

**10:40 - 11:00**

**Evidence, knowledge to action: children health interventions**

Nkandu Luo (Lusaka, ZM)

**11:00 - 11:07**

**Global research in paediatrics**

Carlo Giaquinto (Padova, IT)

**11:07 - 11:14**

**Optimising the impact and cost-effectiveness of child health intervention programmes of vaccines and micronutrients in low-income countries**

Amabelia Rodrigues (Bissau, GW)

**11:14 - 11:21**

**Children with HIV in Africa - pharmacokinetics and adherence/acceptability of simple antiretroviral regimens**

Veronica Mulenga (Lusaka, ZM)

**11:21 - 11:28**

**Challenges of research targeting children's health in resource poor settings and the uptake of results - Industry Perspective**

Jutta Reinhard-Rupp (Coinsins, CH)

**11:28 - 11:53**

**Discussion by panelists & questions from the audience**

**11:53 - 12:00**

**Symposium closure**
When people have a say... Participatory health governance, social accountability & access to local resources

The importance of Communities’ participation and Individuals’ responsibilities was stressed in the Alma Ata declaration on Primary Health Care. It was reiterated in the Ottawa Charter on health promotion as well as in the Rio declaration on the Social Determinants of Health.

After almost four decades of experience and research, what have we learned about participatory governance and its role in strengthening accountability, addressing inequalities and improving access to resources?

This session will review some scientific evidence of the impact of Citizen’s participation, from the allocation and use of health resources to the development of a democratic culture. It will strive to identify the factors which can inform the policy making process on participatory governance.

Convener and Chair: Jacques Mader (Bern, CH)

Welcome and facilitation
Jacques Mader (Bern, CH)

When people have a say... Participatory health governance, social accountability & access to local resources
Louise Potvin (Montreal, CA)

Public accountability practices of district health management teams: a realist inquiry in two local health systems in Ghana
Sara Van Belle (Antwerp, BE)

Information is power: experimental evidence of the longer run impact of a local accountability intervention in primary health care provision in Uganda
Jakob Svensson (Stockholm, SE)

Engaging marginalized communities in participatory decision-making and accountability in health: challenges and lessons learned
Walter Flores (GT)

Q & A

Wrap up and take home messages
Flora Kessy (Ifakara, TZ)
Scientific Programme

11:10 - 11:30  Monitoring safety of antimalarials over time and geographic areas
Christophe Rogier (Antananarivo, MG)

11:30 - 11:50  Socio anthropological considerations in community health workers’ role and patients’ perceptions of medicines
Jean Yves Le Hesran (Paris Cedex 6, FR)

10:30 - 12:00  3.1.4.  P. vivax - and its importance
Convener and Chair: Ivo Mueller (Barcelona, ES)

10:30 - 11:00  Development of vaccines for P. vivax malaria
Chetan Chitnis (Paris, FR)

11:00 - 11:15  Malaria elimination in the Asia-Pacific: addressing the P. vivax challenge
Ivo Mueller (Barcelona, ES)

11:15 - 11:30  Killing the hypnozoite: drug discovery approaches to prevent relapse in Plasmodium vivax
Brice Campo (Geneva, CH)

11:30 - 11:45  Development of an Anopheles vector and tools to study Plasmodium cynomolgi, a surrogate for P. vivax
Liting Lim (Singapore, SG)

11:45 - 12:00  Confirmed Plasmodium vivax resistance to chloroquine in Central Vietnam
Annette Erhart (Antwerp, BE)

Other meetings, Boston 1

10:30 - 12:00  LB1  Late Breaker Abstract Session 1
Chair: Martin Röösli (Basel, CH)

10:30 - 10:45  Pyrethroid and DDT resistance in Anopheles gambiae from Taabo, south-central Cote d’Ivoire
Golou Louise Bellai (Abidjan, CI)

10:45 - 11:00  Stool-based polymerase chain reaction for the diagnosis of multiple pathogens in Mali: a case-control study
Sören L Becker (Basel, CH)

11:00 - 11:15  Why such a high prevalence of epilepsy in the Orientale Province in the Democratic Republic of the Congo (DRC)?
Robert Colebunders (Antwerp, BE)
Scientific Programme

11:15 - 11:30 Evaluation of sulphadoxine-pyrimethamine for intermittent preventive treatment of malaria in pregnancy: a retrospective birth outcomes study in Mansa, Zambia
Victor Chalwe (Lusaka, ZM)

11:30 - 11:45 Strengthening Publications Reporting Infections in Newborns Globally (SPRING) international survey on the criteria for reporting neonatal infections
Stefania Vergnano (London, GB)

11:45 - 12:00 Effectiveness and sustainability of a six month peer support based physical activity intervention trial among sedentary women in Thiruvananthapuram City, India
Elezebeth Mathews (Trivandrum, IN)

10:30 - 12:00 3.4.2. Resistant bacteria and viruses in a mobile world
Convener and Chair: Jean Pieters (Basel, CH)

10:30 - 11:00 Opportunities and challenges for vaccines
Rino Rappuoli (Siena, IT)

11:00 - 11:15 Possible nosocomial transmission as a cause of secondary infection and healing delay of Buruli ulcer wounds
Grace S. Kpeli (Basel, CH)

11:15 - 11:30 Analysis of prescription behaviour and structural barriers for rational use of antibiotics at a tertiary hospital in Malawi
Nana A. Mensah Abrampah (Heidelberg, DE)

10:30 - 12:00 SS1 Société de Pathologie Exotique (SPE), Italian Society of Tropical Medicine and Global Health (SiMET) and Sociedad Española de Medicina Tropical y Salud Internacional (SEMTSI): Rapid diagnosis tests (RDTs) in tropical infectiology 1
Chair: Yves Buisson (Paris, FR)
Chair: Francesco Castelli (Brescia, IT)

10:30 - 10:50 Rapid diagnostic tests for leishmaniasis: an overview
Israel Cruz (Geneva, CH)

10:50 - 11:10 HIV testing in developing countries: from laboratory to home testing
François Simon (Paris, FR)
Jean Christophe Plantier (Rouen, FR)
Scientific Programme

11:10 - 11:30  Performance comparison of three rapid diagnostic tests for the serodiagnosis of hepatic cystic echinococcosis in humans
Francesca Tamarozzi (Pavia, IT)

11:30 - 11:50  Development and field assessment of the rapid diagnostic test Ebola eZyscreen®
Laurent Bellanger (Marcoule, FR)
Fabrice Gallais (Marcoule, FR)

11:50 - 12:00  Discussion

Disease systems, Shanghai 2
10:30 - 12:00  3.2.18.  Buruli and other NTDs
Convener and Chair: Gerd Pluschke (Basel, CH)

10:45 - 11:00  On the way to point-of-care diagnostics for Buruli ulcer: an antigen capture approach
Katharina Röltgen (Basel, CH)

11:00 - 11:15  Performance of a clinical score for the diagnosis of Mycobacterium ulcerans infection in Akonolinga, Cameroon
Yolanda K. Mueller (Geneva, CH)

11:15 - 11:30  Antibody-mediated neutralisation of the exotoxin mycolactone prevents cells from undergoing apoptosis
Jean-Pierre Dangy (Basel, CH)

11:30 - 11:45  Sero-epidemiology of Buruli ulcer in the Offin river valley of Ghana
Kobina A. Ampah (Basel, CH)

11:45 - 12:00  Parasitic skin diseases and dermatomycoses in rural Amazonia are associated with poverty
Anna Lütkepohl (Berlin, DE)

Health and social systems, Kairo 1
10:30 - 12:00  4.6.1.  Clinical challenges in global health and patient management in health facilities with limited resources
Convener and Chair: Andreas Neumayr (Basel, CH)

10:30 - 11:00  Challenges in diagnosis of fever in rural Asia
Paul Newton (Vientiane, LA)

11:00 - 11:15  Development of guidance for the diagnostic management of patients with neurological disorders in hospitals in Bandundu, Democratic Republic of the Congo, with a focus on not-to-miss infections of the central nervous system
Kristien Verdonck (Antwerp, BE)
Scientific Programme

11:15 - 11:30  
**Bloodstream bacterial infection among outpatient children with acute febrile illness in north-eastern Tanzania**  
Coline Mahende (Dar es Salaam, TZ)

11:30 - 11:45  
**Application of the Luminex xTAG gastrointestinal pathogen panel for the detection of gastrointestinal pathogens in a rural African setting**  
Daniel Eibach (Hamburg, DE)

11:45 - 12:00  
**Characterising the health facility infrastructure in countries with endemic sleeping sickness for effective targeting of diagnostic resources**  
Paul R. Bessell (Edinburgh, GB)

10:30 - 12:00  
**PST1 Diseases of poverty speed talks**  
Chair: Pie Müller (Basel, CH)

10:30 - 10:35  
**pVLP: a new DNA vaccine strategy for HIV**  
Alexandre R. Calazans (Rio de Janeiro, BR)

10:35 - 10:40  
**Persistence of real-time PCR positivity after successful treatment of *Plasmodium falciparum* malaria: implications for estimates of parasite prevalence and density**  
Manijeh Vafa Homann (Stockholm, SE)

10:40 - 10:45  
**Polymer and lipid based drug delivery strategies for malaria treatment**  
Lissinda du Plessis (Potchefstroom, ZA)

10:45 - 10:50  
**Salonymycin and other ionophores as antimalarials and transmission blocking agents**  
Donatella Taramelli (Milano, IT)

10:50 - 10:55  
**Mutations in K13, Pfcr and Pfmdr1 genes and efficacy of artemether-lumefantrine in relation to treatment outcomes in Kenyan children with uncomplicated falciparum malaria**  
Luicer A.I. Olubayo (Kisumu, KE)

10:55 - 11:00  
**Malaria transmission blocking activity of sesquiterpene lactones from Vernonia amygdalina**  
Annette Habluetzel (Camerino, IT)

11:00 - 11:05  
**Diagnostic value of three interferon-gamma release assays for paediatric tuberculosis in a high HIV/TB -prevalence setting in South-West Tanzania**  
Inge Kroidl (Munich, DE)

11:05 - 11:10  
**Diagnosing latent tuberculosis with interferon-gamma release assays in patients with concurrent malaria infection in Tanzania**  
Lasse S. Vestergaard (Copenhagen, DK)

11:15 - 11:30  
**Safety of second-line antituberculosis agents in the context of multi-drug resistant tuberculosis therapy in Kinshasa: a pilot cohort study**  
Yves Lula (Kinshasa, CD)
Scientific Programme

11:10 - 11:15
Immune reconstitution inflammatory syndrome associated with dermatophytoses in two HIV-1 positive patients in rural Tanzania
Herry Mapesi (Ifakara, TZ)

11:15 - 11:20
Malaria policies versus practices, a reality check from Kinshasa, the capital of the Democratic Republic of Congo
Hypolite M. Mavoko (Kinshasa, CD)

11:20 - 11:25
Impact of malaria rapid diagnostic tests on patients' subsequent treatment-seeking, costs and health outcomes: results from the ACT Consortium
Heidi Hopkins (London, GB)

10:30 - 12:00 3.3.1. The globalization of Chagas diseases: an emerging disease in Europe
Convener and Chair: Joaquim Gascon (Barcelona, ES)
Chair: Fabian Gusovsky (Andover, US)

10:30 - 10:42
Chagas disease: the natural history of the disease
Yves Jackson (Geneva, CH)

10:42 - 10:54
Chagas disease in Europe: the challenges to face an emerging infection
Andrea Angheben (Negrar, IT)

10:54 - 11:06
Randomized trial of benznidazole for chronic chagas cardiomyopathy: benznidazole evaluation for interrupting trypanosomiasis (BENEFIT trial)
Janis K. Lazdins (Geneva, CH)

11:06 - 11:18
Chronic Chagas Disease: To treat or not to treat?
Maria Jesus Pinazo (Barcelona, ES)

11:18 - 11:30
Main challenges and potential strategies related with R&D needs
Isabela Ribeiro (Geneva, CH)

11:30 - 12:00
Discussion

Disease systems, Samarkand

PS1 Poster Session I

Predictors of late diagnosis of HIV among HIV positive adults coming for initial CD4 T-cell count to public health facilities, Northern Ethiopia
Habtamu B. Beyene (Addis Ababa, ET)

Asymptomatic malaria and associated factors among school children in Pawe District, Northwest Ethiopia
Habtamu B. Beyene (Addis Ababa, ET)
Prevalence and clinical features of cutaneous leishmanisis in western Ethiopia: a cross-sectional study  
Habtamu B. Beyene (Addis Ababa, ET)

Efficacy of first and second-line antiretroviral therapies in HIV-1 infected children, a case-control study in Cambodia  
Hubert Barennes (Phnom Penh, KH)

Body fat maldistribution among human immunodeficiency virus-infected patients attending care and treatment clinics in Dar Es Salaam municipal hospitals  
Marina A. Njelekela (Dar es Salaam, TZ)

Genetic diversity and antiretroviral drug resistance among drug-naïve HIV type 1 infected patients attending clinics in Kinshasa, Democratic Republic of Congo  
Erick N. Kamangu (Kinshasa, CD)

Virological profile of patients infected with HIV starting antiretroviral treatment in Kinshasa  
Erick N. Kamangu (Kinshasa, CD)

Prevalence of malaria infection among people living with HIV in Kinshasa  
Erick N. Kamangu (Kinshasa, CD)

Comparison of the effectiveness and adverse event profile of tenofovir/lamivudine-verses zidovudine/lamivudine-based HAART regimen in Zaria, Nigeria  
Joseph Ogririma Ovosi (Zaria, NG)

Quality of life in persons living with HIV: a longitudinal study over 12 months in Ouagadougou-Burkina Faso  
Fidèle Bakiono (Brussels, BE)

Effectiveness of a prevention mother-to-child transmission of HIV program in a rural area of Angola  
Cristina Bocanegra (Barcelona, ES)

Urinary schistosomiasis: ultrasound changes and reinfections in a highly endemic area  
Cristina Bocanegra (Barcelona, ES)

An assessment of TB-HIV collaborative activities in Alwar district of Rajasthan  
Jalam Singh Rathore (Alwar, IN)

The structure and health programs of Chreso Ministries, Lusaka, Zambia: an important backbone for successful HIV infection reduction  
John Haloka (Lusaka, ZM)

How many chronic renal diseases remain unnoticed? A retrospective analysis in a large urban anti-retroviral therapy clinic in Lusaka, Zambia  
John Haloka (Lusaka, ZM)

The probability of acute malaria illness following Plasmodium vivax primary infection and relapse in a cohort of children in Papua New Guinea  
Amanda Ross (Basel, CH)

Rise of Plasmodium vivax malaria diagnosis in 2014 in a referral university hospital of Northern Italy  
Romualdo Grande (Milan, IT)
Scientific Programme

Assessing micro-heterogeneity of malaria transmission in Papua New Guinean villages using molecular indicators
Natalie E. Hofmann (Basel, CH)

Occurrence of asymptomatic malaria and malaria prevention practices in selected rural communities in Ibadan, Nigeria
Chinenye Afonne (Ibadan, NG)

Transmission blocking effects of Azadirachta indica limonoids on early sporogonic development of Plasmodium: activity and bioavailability of seed fractions and isolated compounds
Sofia Tapanelli (Camerino, IT)

Mapping fever aetiologies in malaria-endemic areas: an interactive, open-access, on-line map
Heidi Hopkins (London, GB)

Disseminating research findings to inform malaria policy: examples from the ACT Consortium
Debora Miranda (London, GB)

Efficacy and safety of intermittent preventive treatment with sulfadoxine-pyrimethamine (SP) and SP- piperaquine in schoolchildren in Kinshasa, The Democratic Republic of the Congo (RDC)
Junior Matangila (Kinshasa, CD)

Malaria, schistosomiasis and soil transmitted helminth burden and their correlation with anemia in children attending primary schools in Kinshasa, The Democratic Republic of the Congo
Junior Matangila (Kinshasa, CD)

Explaining wide variation in malaria rapid diagnostic test uptake and adherence to test results: a multi-project analysis
Helen E.D. Burchett (London, GB)

Prototype positive control wells for malaria rapid diagnostic tests: training effectiveness, impact on RDT use and health worker perceptions in Lao PDR and Uganda
Daniel J. Kyabayinze (Kampala, UG)

Trimethyl chitosan microparticles as drug delivery strategy for anti-folate drugs in the treatment of malaria
Awie Kotze (Potchefstroom, ZA)

Optimal population-level deployment of artemisinin combination therapies
Maciej F. Boni (Ho Chi Minh City, VN)

In vitro metabolic profile of the antimalarial compound cryptolepine in humans and rats
Arnold Donkor Forkuo (Kumasi, GH)

Mode of action of antimalarial peroxides
Joëlle Jourdan (Basel, CH)

High level Plasmodium falciparum sulfadoxine-pyrimethamine resistance with the concomitant occurrence of the septuple haplotype in Tanzania
Vito Baraka (Tanga, TZ)
Scientific Programme

Efficacy and safety of retreatment with the same artemisinin-based combination compared to the recommended rescue treatments (QUINACT study)
Hypolite M. Mavoko (Kinshasa, CD)

Uncomplicated malaria features and efficacy of artesunate-amodiaquine after 42 days of passive follow up in the Democratic Republic of Congo
Hypolite M. Mavoko (Kinshasa, CD)

Estimating of the amount of artemether and lumefantrine excreted through breast milk
Jay Prakash Jain (Hyderabad, IN)

Selective sweeps and genetic lineages of Plasmodium falciparum multi-drug resistance (pfmdr1) gene in Kenya
Peninah M. Muiruri (Kisumu, KE)

Safety of artesunate-amodiaquine, artemether-lumefantrine and quinine+clindamycin as rescue treatment of uncomplicated Plasmodium falciparum malaria: an open-label, randomized trial in Kinshasa, the Democratic Republic of Congo
Yves Lula (Kinshasa, CD)

How is Plasmodium falciparum parasite invitro growth fitness affected by drug resistance associated Pfcrt mutations?
Berit Aydin Schmidt (Stockholm, SE)

Therapeutic efficacy of a piperaquine-containing ACT during malaria recrudescence period in Ampandriakilandy (Madagascar)
Milijaona Randrianarivelosia (Antananarivo, MG)

Ex vivo anti-malarial drug susceptibility of Plasmodium falciparum isolates from pregnant women in an area of highly seasonal transmission in Burkina Faso
Marc C. Tahita (Bobo-Dioulasso, BF)

No SVMNT haplotype found in the Democratic Republic of Congo
Dieudonne M. Mvumbi (Kinshasa, CD)

The effect of hydroalcoholic extract of Nigella sativa on infected mice with Plasmodium berghei: evaluation of immune deviation and the serum level of IFN-γ and IL-4
Kosrow Hazrati Tappeh (Urmia, IR)

Mapping sulphadoxine-pyrimethamine resistance markers in Nigeria between 2002 - 2014
Mary C. Oguike (London, GB)

Distribution of target site resistance to pyrethroids in field populations of Aedes aegypti in Thailand
Uruyakorn Chansang (Nonthaburil, TH)

Is implementing full coverage of long-lasting insecticidal nets a good alternative strategy after indoor residual spraying with bendiocarb withdrawal in pyrethroid resistance areas?
Razaki Adiho Osse (Cotonou, BJ)

Operationalization of insecticide resistance monitoring on malaria and dengue vectors in the republic of the Philippines
Ferdinand V. Salazar (Muntinlupa, PH)
Epidemiology and clinical significance of non-tuberculous mycobacteria in presumptive tuberculosis patients in Bagamoyo, Tanzania
Sarah E. Mswata (Dar es Salaam, TZ)

Prevalence and clinical relevance of respiratory viral co-infections among tuberculosis patients in urban Dar es Salaam, Tanzania
Francis Apolinary Mhimbira (Bagamoyo, TZ)

Detection of *Mycobacterium tuberculosis* by EasyNAT™ diagnostic kit in sputum samples from Tanzania
Francis Apolinary Mhimbira (Bagamoyo, TZ)

Global genomic diversity and clinical consequences of *Mycobacterium tuberculosis* in a high-burden setting
Liliana Rutaihwa (Basel, CH)

Detection of *Mycobacterium tuberculosis* in extrapulmonary biopsy samples using PCR targeting IS6110, *rpoB* and nested-*rpoB* PCR cloning
Azar Dokht Khosravi (Ahvaz, IR)

Molecular methods for identification of *Acinetobacter* species by sequencing of the partial *rpoB* and 16S rDNA genes and flanking spacers
Azar Dokht Khosravi (Ahvaz, IR)

Predictive statistical modelling to inform TB prevalence estimations
Sandra Alba (Amsterdam, NL)

Diagnosis of tuberculous spondylitis through Xpert MTB/RIF assay in urine in rural Africa
George Sikaleng (Ifakara, TZ)

Implementation of tuberculosis directly observed treatment in a resource-limited urban setting: a case of Rubaga division, Kampala, Uganda
Hassard Sempeera (Kampala, UG)

TBscore and suPAR - applicable methods to simplify and improve case finding and monitoring of tuberculosis patients in low resource settings
Frauke Rudolf (Bissau, GW)

Is the national TB detection program missing cases in Bangladesh?
S.M.A. Hanifi (Dhaka, BD)

Review of 72 cases of tuberculous meningitis in adults in Antananarivo, Madagascar
Mihaja Raberahona (Antananarivo, MG)

Epidemiology of tuberculosis in the Indian Ocean Islands
Maurice Tanguy (Vandoeuvre-lès-Nancy, FR)

Incidence and predictors of recurrent pulmonary tuberculosis among successfully treated cohort under DOTS program in Bangladesh
Tanveen Ishaque (Dhaka, BD)

Protocol: exploring the efficacy of filter paper based Gene Xpert MTB/RIF in diagnosing smear negative pulmonary tuberculosis cases
Md Golam Hasnain (Dhaka, BD)
Scientific Programme

**Post kala azar dermal leishmaniasis without history of visceral leishmaniasis: treatment with miltefosine and its outcome**
Md Golam Hasnain (Dhaka, BD)

**Treatment of visceral leishmaniasis relapse cases with non liposomal amphotericin B: a retrospective hospital based data analysis**
Md Golam Hasnain (Dhaka, BD)

**Cytokine levels during antituberculous treatment in children with HIV-infection and microbiologically proven tuberculosis in South-West Tanzania**
Inge Kroidl (Munich, DE)

**Survival of the resistant: rapid acquisition of multidrug resistance in longitudinal clinical M.tuberculosis isolates in Mumbai**
Nerges Furdoon Mistry (Pune, IN)

**Treatment outcomes for multidrug resistant tuberculosis patients under DOTS-Plus: systematic review and meta-analysis**
Yontan Moges Mesfin (Harar, ET)

**Practice and intention to use long acting and permanent contraceptive methods among married women in Ethiopia: systemic review and meta-analysis**
Yontan Moges Mesfin (Harar, ET)

**Genetic diversity of Mycobacterium tuberculosis and mutation profiles in drug resistance associated genes in Bagamoyo District, Tanzania**
Emmanuel Mbuba (Bagamoyo, TZ)

**Outbreak investigation of tuberculosis and multidrug-resistant tuberculosis in the central prison of Mbuji-Mayi the diamond capital of the Democratic Republic of Congo**
Michel K. Kaswa (Kinshasa, CD)

**Ethno-botanical survey in Sahel region of Burkina Faso: plants against malaria and mosquitoes**
Léa N. Bonkian (Bobo Dioulasso, BF)

**Possession, use and maintenance of mosquito nets in a rural area of Equatorial Guinea**
Natalia Boj (Barcelona, ES)

**Characterizing and interpreting malarial persistence, re-emergence and resistance of malaria in Colombia from 1960 to 2014, a comparative analysis: evidence for control and elimination strategies**
Maria Victoria Valero-Bernal (Bogota, CO)

**Household ownership and use of insecticide-treated nets among school children in Ibadan, Oyo State, Nigeria**
Justina U. Onwuka (Ibadan, NG)

**Data for decision making - experiences of the Red Cross movement in managing safe and dignified burials in Guinea, Liberia and Sierra Leone**
Amanda McClelland (Geneva, CH)

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Maria Rupérez (Barcelona, ES)

Seroprevalence of TORCH infections and their perinatal outcome in pregnant women receiving care at Kilimanjaro Christian Medical Centre, Moshi, Tanzania
Aliasgher Mukhtar Ali Saajan (Moshi, TZ)

Puerperal sepsis, the leading cause of maternal deaths at a tertiary university teaching hospital in Uganda
Jean-Pierre Van Geertruyden (Antwerp, BE)

Exposure to artemether-lumefantrine (Coartem®) in first trimester pregnancy: an observational study in Zambia
Christine Manyando (Ndola, ZM)

Maternal nutrition and birth weight in Northern Ghana
Abdulai Abubakari (Tamale, GH)

The definition and counting of maternal deaths: an ethnographic review of a pregnancy-related death by suicide in Ladakh, India
Kim Gutschow (Goettingen, DE)

Maternal and perinatal post-cesarean morbidity and mortality in Benin in 2013
Virginie Mongbo (Ouidah, BJ)

Effect of malaria, HIV and helminth infections on cytokine levels in pregnant women in Ibadan, southwestern Nigeria
George Olusegun Ademowo (Ibadan, NG)

Appraisal of dietary assortment and nutritional condition of pregnant females in Tirana, Albania
Shkurti Enkelejda (Tirana, AL)

Polymerase chain reaction and histology in diagnosis of placental malaria in an area of unstable malaria transmission in Central Sudan
Elhassan Mohamed Elhassan (Wad Medani, SD)

Vaccination in pregnancy: tetanus diphtheria and acellular pertussis (Tdap) immunization strategy at Hospital General de Niños Dr Pedro de Elizalde 2013
Maria Eugenia Sevilla (Barracas, AR)

Characteristics, etiology and nutritional consequences of moderate-to-severe diarrhea associated with convulsion among rural under-5 children
Abu Syed Golam Faruque (Dhaka, BD)

Determinants of diarrhea in children aged under five at the Bengo General Hospital, Angola
Miguel Brito (Caxito, AO)

Determinants of malnutrition among under-fives in Bengo province, Angola
Miguel Brito (Caxito, AO)

Dermatological problems in an under-five clinics at a district hospital in a rural area in southern Ethiopia
Jose M. Ramos (Kore, ET)
Antenatal care program including screening of syphilis, hepatitis B virus infection and HIV in pregnant women attending in a rural hospital southern Ethiopia
Jose M. Ramos (Kore, ET)

Screening of pathogens in vaginal samples of women in Posadas, Argentina
Jose M. Ramos (Kore, ET)

Plasmodiasis and anemia among children between 0 - 6 months in health center in Igbesa in Ado Odo Local Government Ogun State, South West Nigeria
Ajayi Jacob Babasola (Igbesa, NG)

Sexual behaviour among sub-Saharan African migrant women with HIV/AIDS in Belgium: a qualitative study
Agnes E. Arrey (Brussels, BE)

Small investment—large impact: improving the quality of reproductive, maternal and child health services in a rural district (Dadu) of Pakistan
Muhammad Atif Habib (Karachi, PK)

Perceptions, attitudes and use of family planning services in post conflict Gulu district, Northern Uganda
Henry Komakech (Kampala, UG)

Self-reported competencies of nurses in providing sexual and reproductive health services to young people (15 - 24 years): a comparative survey in DRC, Burundi and Rwanda
Carine Weiss (Basel, CH)

“Shadows and Light” Project: improving the access to health services and fostering increased and accelerated action on sexual and reproductive health and HIV linkages for key populations
Samanta Sokolowski (Eschborn, DE)

Sperm viral infection and male infertility: focus on herpes viruses
Sareh Abdollahifard (Jahrom, IR)

Human papilloma viruses infection and male infertility
Sareh Abdollahifard (Jahrom, IR)

Prevalence of Trichomonas vaginalis infection among Iranian women using P270 gene
Zarrintaj Valadkhani (Tehran, IR)

Predictors of HIV-related knowledge and risk behavior among school-attending teenagers in Esmeraldas, Ecuador
Enrique Teran (Quito, EC)

Prevalence of STI/HIV and factors associated with STI among female sex workers in Ecuador
Enrique Teran (Quito, EC)

The association between female urogenital schistosomiasis and infertility in coastal Kenya: differential impact of childhood vs. adult drug treatment
Charles H. King (Cleveland, US)

Diverxualitat: a model of comprehensive intervention to improve access to affective sexual and reproductive health in a multicultural context
Jordi Gómez i Prat (Barcelona, ES)
Low prevalence of Neisseria gonorrhoeae infections and no evidence of resistance against third generation cephalosporins in a cohort of HIV positive patients from a tertiary hospital in Tanzania
Andreas Mueller (Wuerzburg, DE)

Hepatitis-B virus Infection and vaccination status among the young students of Dhaka city
Nusrat Khan (Dhaka, BD)

Excretory/secretory proteins from the intestinal nematodes Strongyloides and Trichuris interfere with the intestinal mucosal defense system of the host
Dana Ditgen (Hamburg, DE)

Association between malaria and invasive non-typhoid Salmonella infection in a hospital-study - accounting for Berkson's bias
Ralf Krumkamp (Hamburg, DE)

Monitoring of rotavirus genotypes in indigenous children of Brazilian Midwest in the vaccine era: footprints of animal genome
Adriana Luchs (Sao Paulo, BR)

Cross-sectional study of E. coli, Salmonella and its antibiotic resistant in drinking water, cloacal swab and feces in poultry farm in Thailand
Phitsanu Tulayakul (Nakorn-Pathom, TH)

Cross-sectional survey of dietary diversity among children aged 6-24 months in KwaZulu-Natal, South Africa
Myra Taylor (Durban, ZA)

IgE cross-reactivity between house dust mite and Chinese liver fluke antigens
Ju Yeong Kim (Seoul, KR)

Spatial distribution of anemia in children under five in Burkina Faso
Sekou Samadoulougou (Bruxelles, BE)

Immunological characterization of antibodies and antigens of Plasmodium falciparum in plasma samples obtained from individuals who previously stayed in malaria-endemic areas
Rosa Teodóso (Lisbon, PT)

Species-specific associations between helminths and micronutrients in Vietnamese schoolchildren
Katja Polman (Antwerp, BE)

Quantitating the burden of anaemia in acute and convalescent uncomplicated falciparum malaria treated with artemisinin combination therapy (ACT) in sub-Saharan Africa
Piero Olliaro (Geneva, CH)

Seasonal dynamics of human retinol status in mobile pastoralists in Chad
Lisa Crump (Basel, CH)

Stakeholder perceptions of research options to improve nutritional status in Uganda
David Lubogo (Kampala, UG)

Effect of malaria infection on lipid profile and oxidative stress in children
Olusegun Matthew Akanbi (Akungba-Akoko, NG)
Scientific Programme

Management’s evaluation of acute malnutrition in the area of Segue in Mali
Robert Williams (St Bruno, CA)

Immunogenicity and safety of tetanus/diphtheria booster vaccine and hepatitis A vaccine in patients with rheumatoid arthritis, spondyloarthritis and vasculitis - a cohort study in 6 Swiss rheumatology centres and 4 travel clinics
Silja Bühler (Zurich, CH)

Can local flour recipes made of locally available and cheap ingredients be used for adequate complementary feeding of infants in rural and poor settings in Burkina Faso?
Yassinmè Elysée Somassè (Brussels, BE)

A comparative survey of stratum corneum free amino acids in patients with dermatophytosis and normal subjects
Seyed Jamal Hashemi Hezave (Tehran, IR)

Malnutrition and malaria infection in children 6 to 59 months: a cohort study in Adami Tulu District, Ethiopia
Taye Gari Ayana (Hawassa, ET)

Schistosoma mansoni infection and its association with nutrition and health outcomes: a household survey in school-aged children living in Kasansa, Democratic Republic of the Congo
Mbuyi M. Kabongo (Atlanta, US)

A case of Saccharomyces cerevisiae fungemia associated with probiotic intake
Kideok Lee (Seoul, KR)

Ecohealth research to regionally address agriculture intensification impacts on health and the environment in Southeast Asia and China
Hung Nguyen-Viet (Hanoi, VN)

Characterization co-existence of AmpC, MBLs, TEM and SHV type of β-lactamases in clinical strains of Escherichia coli and Klebsiella pneumoniae isolated from hospitals of Khorramabad, Iran
Faranak Rezaei (Khorramabad, IR)

Patterns and distribution of drug dependence and associated risk factors among male youth in upper Egypt
Raouf Afifi (Indianapolis, US)

Clostridium difficile from the hypervirulent clade II isolated from Costa Rica with a variant toxin B
Carlos Quesada-Gomez (San Pedro, Montes de Oca, CR)

Nitric oxide in Giardiasis
Nasrin Dashti (Tehran, IR)

Women's perceptions of the quality of emergency obstetric care in a referral hospital in rural Tanzania
Karen Stal (Amsterdam, NL)

Environment-related factors influencing morbidity among economically active household members in urban and rural Nigeria
Abayomi Oyekale (Mafikeng, ZA)
Factors influencing malaria morbidity among children under five in Cameroon
Abayomi Oyekale (Mafikeng, ZA)

Assessment of maternal education, fertility and survival of children under five in Comoros
Abayomi Oyekale (Mafikeng, ZA)

The gendered impact of Buruli ulcer on the household production of health: why decentralization favours women
Inès Agbo (Allada, BJ)

Plan to eliminate leprosy - involvement of public health staff in leprosy control in Puttalam, Sri Lanka: success story in a limited resource setting
Nayani Suriyarachchi (Colombo, LK)

Treg/T helper imbalance with emphasis on Treg factors during implantation window in unexplained recurrent spontaneous miscarriage
Mehdi Meh dizadeh (Tehran, IR)

The link between Toxoplasmosis and diabetes: modifications of pancreatic β cells TC-6 infected by Toxoplasma gondii tachyzoites
Manuel Gonzalez-Del Carmen (Camerino Z. Mendoza, MX)

Structural and functional changes in osteoblasts invaded with Toxoplasma gondii tachyzoites
Manuel Gonzalez-Del Carmen (Camerino Z. Mendoza, MX)

Efectiveness of topical vitamin E against bicarbonate mouthwash in prevention of oral mucositis in children with chemoteraphy
Manuel Gonzalez-Del Carmen (Camerino Z. Mendoza, MX)

Health economic evaluation of wound debridement and moist wound care in chronic cutaneous leishmaniasis ulcers in Afghanistan
Hans-Christian Stahl (Heidelberg, DE)

Antimicrobial resistance and genetic virulence profile of vaginal Escherichia coli isolated from pregnant women in Manhiça, Mozambique
Emma Sáez-López (Barcelona, ES)

Persistent bacteremia from Pseudomonas aeruginosa resistant to the novel antibiotics ceftolozane-tazobactam and ceftazidime-avibactam
Louie Mar Gangcuangco (Bridgeport, US)

Prevalence of intestinal parasites in African community on the example of Pygmy and non-Pygmym population in Central African Republic
Krzysztof Korzeniewski (Gdynia, PL)

A geographically heterogeneous context and spatially varying risk factors for malaria at Lake Victoria
Tobias Homan (Wageningen, NL)
Scientific Programme

Industry-sponsored Symposium, Sydney

12:15 - 13:15 SAT1  Co-infections: its impact on neglected tropical diseases

Chair: Jutta Reinhard-Rupp (Coinsins, CH)

12:15 - 12:20  Welcome & Introduction
Jutta Reinhard-Rupp (Coinsins, CH)

12:20 - 12:30  The double jeopardy of having female genital schistosomiasis in poorly informed and resourced health systems in Ghana
Margaret Gyapong (Accra, GH)

12:30 - 12:40  Paediatric schistosomiasis- effects on overall host health
Francisca Mutapi (Edinburgh, GB)

12:40 - 12:50  Challenges of Visceral Leishmaniasis (VL) and HIV co-infection
Koert Ritmeijer (Amsterdam, NL)

12:50 - 13:10  Discussion panel and Q&A session

13:10 - 13:15  Closing Remarks
Jutta Reinhard-Rupp (Coinsins, CH)

Industry-sponsored Symposium, Singapore

12:15 - 13:15 SAT2  On the road to malaria elimination: where we have come from and what challenges lie ahead?

Chair: Marcel Tanner (Basel, CH)

12:15 - 12:25  Welcome & Introduction
Linus Igwemezie (Basel, CH)

12:25 - 12:40  Achievements with ACTs and an integrated approach to reach the last mile
Marcel Tanner (Basel, CH)

12:40 - 12:55  From control to elimination: new strategies and projects
Davis Mumbengegwi (Windhoek, NA)

12:55 - 13:10  The antimalarial drug development pipeline: future prospects for malaria control and elimination
Nicholas J. White (Bangkok, TH)

13:10 - 13:15  Q&A

Society Sessions, San Francisco

13:30 - 15:00 SS2  Royal Society of Tropical Medicine and Hygiene (RSTMH): the key contributions of disease mapping to global health

Chair: Gerri McHugh (London, GB)
Chair: Catherine Moyes (Oxford, GB)
Scientific Programme

13:30 - 14:00  
**Spatial predictions of prevalence and access-to-care as a basis for modeling impact of malaria interventions**  
Peter Pemberton-Ross (Basel, CH)

14:00 - 14:30  
**Mapping the future global distribution of risk for dengue**  
Jane Messina (Oxford, GB)

14:30 - 15:00  
**The use of neglected tropical disease maps to inform policy and programming**  
Rachel Pullan (London, GB)

Disease systems, Sydney

13:30 - 15:00  
3.2.11. **Evaluating therapeutic interventions against Ebola: challenges and lessons learned**  
Convener and Chair: Johan van Griensven (Antwerp, BE)  
Chair: Line Matthiessen (Brussels, BE)  
Chair: David Wood (Geneva, CH)

13:30 - 13:35  
**Introduction**  
Line Matthiessen (Brussels, BE)  
David Wood (Geneva, CH)

13:35 - 13:45  
**The Ebola field reality for conducting clinical trials**  
Annick Antierens (Brussels, BE)

13:45 - 13:55  
**Ethics of clinical trials in epidemic disasters**  
Philippe Calain (Geneva, CH)

13:55 - 14:10  
**Emergency evaluation of convalescent plasma for Ebola virus disease in Guinea**  
Johan van Griensven (Antwerp, BE)

14:10 - 14:25  
**Trials of antivirals - ISARIC experience**  
Peter Horby (Oxford, GB)

14:25 - 14:40  
**Favipiravir in patients with Ebola virus disease**  
Denis Malvy (Bordeaux, FR)

14:40 - 15:00  
**Panel discussion - challenges and lessons learned**

Disease systems, Singapore

13:30 - 15:00  
3.1.6. **Answering key questions on malaria drug delivery - the importance of diagnostics**  
Convener and Chair: Heidi Hopkins (London, GB)

13:30 - 14:00  
**Improving malaria treatment and control through enhanced diagnostic practice**  
David Schellenberg (London, GB)
Scientific Programme

14:00 - 14:15
Impact of malaria rapid diagnostic tests on patient care: results from the ACT consortium
Katia Bruxvoort (London, GB)

14:15 - 14:30
Effects of introducing malaria rapid diagnostic tests in drug shops: findings from the evaluation of a cluster randomised trial in Uganda
Sian E. Clarke (London, GB)

14:30 - 14:45
Improving appropriate use of quality-assured RDTs in the private sector: baseline and midterm evaluation results from Uganda
Robert Mugerwa (Kampala, UG)

14:45 - 15:00
Factors impacting malaria rapid diagnostic test performance
Nora Zwingerman (Toronto, CA)

13:30 - 15:00
3.1.2.
Implementation research for malaria elimination. Emerging results from Malaria Eradication Scientific Alliance (MESA) - supported projects

Innovations in tools, resource platforms, approaches, and training are needed to accelerate malaria elimination and to meet the milestones and goals of the WHO Global Technical Strategy for Malaria 2016-2030. Understanding where malaria transmission is occurring in time and space, and addressing residual transmission are two of the critical pieces for our efforts to drive transmission down to zero. This symposium combines proof-of-concept of novel diagnostic tools targeting sub-microscopic infections, novel vector control tools, and the use of mapping technologies for surveillance and tailored response. The work presented is supported by the Malaria Eradication Scientific Alliance (MESA). The presentations will share emerging results and the utility of these novel approaches to in malaria elimination will be discussed.

Convener and Chair: Regina Rabinovich (Barcelona, ES and Boston, US)

13:30 - 13:45
Efficacy and safety of high-dose ivermectin for reducing malaria transmission: a dose finding study
Menno Smit (Liverpool, GB)

13:45 - 14:00
Mopping up and getting to zero: mapping residual malaria transmission for targeted response in urban Lusaka, Zambia
Daniel Bridges (Lusaka, ZM)

14:00 - 14:15
Active detection of infection for malaria elimination in South Cotabato, Mindanao, The Philippines: performance of LAMP for screening people in their home villages
Colin J. Sutherland (London, GB)

14:15 - 14:30
Targeting pregnant women to measure malaria transmission
Alfredo Mayor (Barcelona, ES)
Scientific Programme

14:30 - 14:45  
Malaria and the mobile and migrant population in Cambodia: a population movement framework to inform strategies for malaria control and elimination
Sara Canavati (Bangkok, TH)

Disease systems, Delhi

13:30 - 15:00  3.3.4.  
**Global faces of challenges with diabetes and hypertension**

Convener and Chair: Nino Künzli (Basel, CH)
Chair: Nerges Furdoon Mistry (Pune, IN)

13:30 - 13:45  
A community based model for care and control of type 2 diabetes in rural Western India
Nerges Furdoon Mistry (Pune, IN)

13:45 - 14:00  
Environmental tobacco smoke exposure and diabetes in adult never-smokers
Ikenna C. Eze (Basel, CH)

14:00 - 14:15  
Are we treating the right people- are we treating the people right? Analysis of patients attending the Diabetes Clinic at Kamuzu Central Hospital, Lilongwe, Malawi
Ali Taha Yassin (Heidelberg, DE)

14:15 - 14:30  
Complications of diabetes and hypertension at a referral hospital in Zimbabwe
Mutsa Mutowo (Melbourne, AU)

14:30 - 14:45  
Prevalence of hypertension and associated risk factors among diabetes patients in urban Dar es Salaam, Tanzania: a case for integrated care
Jerry J. Hella (Dar es Salaam, TZ)

14:45 - 15:00  
Tackling NCDs and risk factors in Kyrgyzstan: the impact of community action for health in Kyrgyzstan
Tolkun Djambulova (Bishkek, KG)

Health and social systems, Boston 1

13:30 - 15:00  4.2.2.  
**Determinants of health and help seeking behavior**

Convener and Chair: Carol Vlassoff (Ottawa, CA)

13:30 - 14:00  
Towards a comprehensive framework for community study of vaccine acceptance
Mitchell G. Weiss (Basel, CH)

14:00 - 14:15  
Cultural beliefs are not the key determinants of treatment-seeking behaviour: lessons from ethnographic fieldwork in regions of Benin's Ouémé River valley endemic for Buruli ulcer
Micah Boyer (Tampa, US)
## Scientific Programme

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<th>Time</th>
<th>Session</th>
<th>Speaker</th>
<th>Institution</th>
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<tbody>
<tr>
<td>14:15 - 14:30</td>
<td>Healthcare-seeking behaviour and experiences of rehabilitation among disabled youth in Ghana</td>
<td>Stefanie Gregorius (Liverpool, GB)</td>
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<tr>
<td>14:30 - 14:45</td>
<td>On the origin of Ebola. Popular interpretations versus the epidemiology discourse in Macenta, Guinea</td>
<td>Séverine Thys (Antwerp, BE)</td>
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<tr>
<td>14:45 - 15:00</td>
<td>Measuring the status of household water, sanitation and hygiene behaviours in rural Bangladesh: an application of qualitative information system</td>
<td>Mahfuzar Rahman (Dhaka, BD)</td>
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### Health and social systems, Boston 2

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<th>Institution</th>
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<tbody>
<tr>
<td>13:30 - 15:00</td>
<td>The good, the bad and the ugly of global targets. Will the SDGs be different?</td>
<td>Xavier Bosch-Capblanch (Basel, CH)</td>
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<tr>
<td>13:30 - 13:40</td>
<td>From Alma Ata to sustainable development goals</td>
<td>Xavier Bosch-Capblanch (Basel, CH)</td>
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<tr>
<td>13:40 - 14:00</td>
<td>What did the MDGs do for global health? Will the SDGs do more?</td>
<td>Jan Vandemoortele (Bruges, BE)</td>
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<tr>
<td>14:00 - 14:15</td>
<td>Unmet Agenda in post-MDG era and role of the Global Fund for SDGs</td>
<td>Osamu Kunii (Geneva, CH)</td>
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<tr>
<td>14:15 - 14:30</td>
<td>GAVI contribution to the MDGs and plans for the SDGs</td>
<td>Abdallah Bchir (Geneva, CH)</td>
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<tr>
<td>14:30 - 15:00</td>
<td>Discussion</td>
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### From research to implementation, Shanghai 1

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<tr>
<td>13:30 - 15:00</td>
<td>The reality of open source drug discovery: a move towards multilateral collaborations</td>
<td>Graeme Bilbe (Geneva, CH)</td>
<td>Matthew Todd</td>
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<tr>
<td>13:30 - 13:35</td>
<td>Introduction</td>
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<tr>
<td>13:35 - 13:50</td>
<td>Re-engineering how we innovate for public health</td>
<td>Piero Olliaro (Geneva, CH)</td>
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<tr>
<td>13:50 - 14:05</td>
<td>The NTD Drug Discovery Booster: an innovative multiparty collaboration on early drug discovery</td>
<td>Charles E. Mowbray (Geneva, CH)</td>
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</tbody>
</table>
Scientific Programme

14:05 - 14:20  MMV malaria box and pathogen box projects: the application of open science  
Paul A. Willis (Geneva, CH)

14:20 - 14:35  The open source drug discovery project  
Samir Brahmachari (New Dehli, IN)

14:35 - 14:50  Creating a global community for clinical drug repurposing and development  
Leonard Sacks (New Hampshire, US)

14:50 - 15:00  Discussion

Society Sessions, Shanghai 2

13:30 - 15:00  J1  Tropical Medicine & International Health (TMIH) Workshop  
1: Writing for real people: how to make your papers attractive, clear and popular  
Basic elements of style and structure, applicable to all kinds of texts.  
Organizer: Susanne Groener (London, GB)

Health and social systems, Kairo 1

13:30 - 15:00  4.6.2.  Medical and public health education in Africa  
Convener and Chair: Axel Hoffmann (Basel, CH)

13:30 - 13:45  Accelerating excellence and leadership in African health research  
Fred Binka (Accra, GH)

13:45 - 14:00  Global Collaboration: An essential element for public health and medical education in Africa  
Kevin Marsh (Oxford, GB)

14:00 - 14:15  What are the mutual benefits for universities participating in teaching networks?  
Bernadette Peterhans (Basel, CH)

14:15 - 14:30  APARET (African Programme for Advanced Research Epidemiology Training)  
Norbert G. Schwarz (Hamburg, DE)

14:30 - 14:45  A public health laboratory for global capacity building in sub-Saharan Africa  
Marco Albonico (Milan, IT)
### Disease systems, Kairo 2

**13:30 - 15:00**  
**3.2.4. Visceral leishmaniasis - from patient to public health needs: the role of R&D in disease elimination and control**  
Convener and Chair: Susan Wells (Geneva, CH)  
Chair: Jose Antonio Ruiz Postigo (Geneva, CH)

13:30 - 13:35  
Introduction

13:35 - 13:50  
Treatment of visceral leishmaniasis  
Shyam Sundar (Varanasi, IN)

13:50 - 14:10  
Translating treatment options to control programs  
Margriet den Boer (Amsterdam, NL)

14:10 - 14:30  
Developing new treatments to address unmet medical needs  
Jorge Alvar (Geneva, CH)

14:30 - 14:50  
Opportunities in visceral leishmaniasis: analysis of large, pooled data sets  
Philippe Guerin (Oxford, GB)

14:50 - 15:00  
Discussion

### From research to implementation, Samarkand

**13:30 - 15:00**  
**5.2.1. How to bridge between health systems researchers and practitioners in the field of international health cooperation**  
Convener and Chair: Thomas Schwarz (Basel, CH)

13:30 - 13:45  
Challenges and solutions in collaboration between non-governmental implementing organizations and local research institutions in developing countries  
Cecilia Capello (Geneva, CH)

13:45 - 14:00  
Key determinants for a successful collaboration between NGOs and universities in health research  
Michael Hobbins (Lucerne, CH)

14:00 - 14:15  
From well-researched, tested and documented pilot interventions to health impact for all; from laboratory systems research to changing lives: in search of the holy grail of scalability  
Bart Vander Plaetse (Basel, CH)

14:15 - 14:30  
Improving programme implementation through embedded implementation research (iPIER)  
Nhan T. Tran (Geneva, CH)

14:30 - 14:45  
Fairness in international collaborative research partnerships for health, time for a certification process: COHRED Fairness Index  
Janis K. Lazdins (Geneva, CH)
Scientific Programme

14:45 - 15:00  Successfully connecting NGO practice and health systems research - getting evidence into NGO practice & NGO practice into research
Nicole Moran (Konstanz, DE)

15:00 - 15:30  Emergency evaluation of convalescent plasma – a film on the Ebola-Tx trial in Conakry, Ghana

15:30 - 17:00  Implementation research - key to effectiveness
This symposium highlights the experiences of 6 researchers from Benin, China, Ghana, Nepal, Nigeria and Tanzania in research and activities to improve the disease control and appreciation of research by managers and policy makers. The presentations underscore the central role of multidisciplinary approaches and collaboration between academia and public health programmes in implementation research for improved access to and delivery of health interventions. Generally the outcomes of these activities suggests that implementation research is key for optimizing strategies and tools, and that training including mentorship can enhance capacity for evidence-informed policymaking in these settings.

Convener and Chair: Pascal Launois (Geneva, CH)
Chair: Edward Kamau (Geneva, CH)

15:30 - 15:35  Introductions

15:35 - 15:45  Opening remarks from Director TDR
John Reeder (Geneva, CH)

15:45 - 15:55  Research capacity strengthening and knowledge management for health teams towards improvement in disease control in Ghana (Ghana RCS4FIVE)
Evelyn Ansah (Accra, GH)

15:55 - 16:05  Effectiveness of short term training on health economics in improving knowledge and economic way of thinking to help break vicious cycle of infectious disease and poverty: an evidence from Nepal
Shiva Raj Adhikari (Kathmandu, NP)

16:05 - 16:15  Estimating of the level of insecticide availability in some samples of sprayed surfaces (IRS) using insecticide quantification kits (IQK) in Benin
Luc S. Djogbenou (Ouidah, BJ)

16:15 - 16:25  The new 1,3,7 strategy and implementation for malaria elimination in China
Gao Qi (Wuxi, Jiangsu, CN)

16:25 - 16:35  Implementation of a mentorship programme on knowledge translation/management to improve policymakers’ capacity for evidence-informed policymaking for the control of infectious diseases of poverty in Nigeria
Chigozie Jesse J. Uneke (Abakaliki, NG)
Scientific Programme

16:35 - 16:45  Implementation research dashboard tool for district health management
Aleswa Z. Swai (Dar es Salaam, TZ)

16:45 - 17:00  Questions and discussion moderated by the Chair

Disease systems, Sydney

15:30 - 17:00  3.2.10.  Ebola - vaccination
Convener and Chair: Marcel Tanner (Basel, CH)

15:30 - 16:00  Phase I testing of the ebola VSV-ZEBOV candidate vaccine: the Geneva files
Angela Huttner (Geneva, CH)

16:00 - 16:30  Safety and immunogenicity of the Chimpanzee-Adenovirus vectored Ebola vaccine: the Lausanne phase I/IIa clinical trial
Olga De Santis (Lausanne, CH)

16:30 - 16:45  Malaria prevalence decreased following mass drug administration of malaria chemoprevention during the Ebola outbreak, Monrovia, Liberia, 2014
Amanda Tiffany (Geneva, CH)

16:45 - 17:00  Testing new therapeutics while handling a crisis: ethical and medical considerations
Graeme Bilbe (Geneva, CH)

Disease systems, Singapore

15:30 - 17:00  3.5.3.  Women and immunization, life-saving vaccines to protect women´s and infant´s health
Objectives:

- To foster a forum for discussion on the role of vaccines as a way of advancing women´s and infant´s health from an equity perspective
- To review updated data on impact of maternal immunization in protecting mothers and their infants
- To understand and identify the research needs and future actions in the development, implementation and evaluation of vaccines to improve women’s and infant’s health

Convener and Chair: Azucena Bardají (Barcelona, ES)
Chair: Teresa Aguado (CH)

Khatia Munguambe (Vila de Manhiça, MZ)

15:45 - 16:00  Influenza vaccination of pregnant women and protection of mothers, foetus and infants
Mark Steinhoff (Cincinnati, US)
Scientific Programme

16:00 - 16:15  Trivalent vaccine in pregnant women to prevent perinatal Group B Streptococcus infection
Rino Rappuoli (Siena, IT)

16:15 - 16:30  Maternal immunization against pertussis, protecting mothers and infants in early life
Scott A. Halperin (Halifax, CA)

16:30 - 16:45  Leadership in promoting protection of pregnant women and their infants by maternal immunization
Ajoke Sobanjo-ter Meulen (Seattle, US)

16:45 - 17:00  Open discussion and way forward: contributing to the global research agenda on women’s and maternal health
Azucena Bardají (Barcelona, ES)
Teresa Aguado (CH)

Disease systems, Montreal

15:30 - 17:00  Malaria elimination: getting there and staying there

Malaria elimination requires specific tools and strategies aimed at interrupting transmission, as well as strong health and surveillance systems capable of preventing the risk of reintroduction of malaria parasites in the context of neighboring malaria endemic territories. This session will share results from ongoing efforts covering different areas crucial for malaria elimination: interruption of transmission through drug strategies targeting the entire population; identification of emerging insecticide resistance to inform the vector control strategies; the potential for novel compounds to impact mosquito populations; and rapid response capacities to timely detect reintroduced infections in order to sustain malaria elimination in the long term. By presenting emerging data and lessons learned from actual elimination experiences, the session will offer the opportunity to discuss both the rationale and the operational challenges of novel approaches to malaria elimination using currently available and potential new tools.

Convener and Chair: Regina Rabinovich (Barcelona, ES and Boston, US)

15:30 - 15:45  Prevention of reintroduction of Malaria
Majed Zedjali (Muscat, OM)

15:45 - 16:00  Entomological surveillance system to inform the elimination strategy
Krijn Paaijmans (Barcelona, ES)

16:00 - 16:15  Ivermectin for malaria vector control, prospects and challenges
Carlos Chaccour (Barcelona, ES)

16:15 - 16:30  What we’re learning about mass drug administration in Zambia
Duncan Earle (Lusaka, ZM)

16:30 - 16:45  Decline in the burden of malaria in pregnancy in Southern Mozambique: evidence from a 14-year period and implications for malaria elimination
Raquel Gonzalez (Barcelona, ES)
Scientific Programme

Health and social systems, Delhi

15:30 - 17:00  4.2.1. Improving access to essential quality health services
Convener and Chair: Christian Lengeler (Basel, CH)

15:30 - 16:00 Improving access to healthcare - a critical element for advancing universal health coverage in Sub-Saharan Africa
Flora Kessy (Ifakara, TZ)

16:00 - 16:15 Identifying and addressing structural quality gaps in primary health care in Tanzania
Dominick Mansuetus Mboya (Ifakara, TZ)

16:15 - 16:30 Heterogeneity of fever case management and provider performance at private clinics and pharmacies on the Kenyan coast: results from client exit and mystery client studies and competency assessments
Stephen Poyer (Nairobi, KE)

16:30 - 16:45 Official invitation letters are highly effective to increase male partner participation in antenatal care services in Mbeya Region, Tanzania
Laura Jefferys (Berlin, DE)

16:45 - 17:00 The One-Stop Clinic of Ifakara: a model for integration of prevention of mother-to-child transmission and pediatric HIV services
Anna Gamell (Basel, CH)

Health and social systems, Boston 1

15:30 - 17:00  4.2.3. Health workers patients interactions - key to compliance and adherence
Convener and Chair: Sharon Fonn (Johannesburg, ZA)

15:30 - 15:45 Poor retention in care of HIV-infected pregnant and lactating women starting Option B+ ART in rural Mozambique
Michael Hobbins (Lucerne, CH)

15:45 - 16:00 Prevention of mother-to-child-transmission of HIV in the Option B+ era: uptake and adherence during pregnancy in Fort Portal, Uganda
Stefanie Theuring (Berlin, DE)

16:00 - 16:15 The human factor in the clinical management of infectious diseases of poverty in remote, low-resource settings. A discussion of four qualitative studies on healthcare provider attitudes and practices
David Hendrickx (Perth, AU)

16:15 - 16:30 Quality improvement of antenatal and intrapartum care services in Southern Tanzania: the health care workers’ perspective
Jennie Jaribu (Basel, CH)

16:30 - 16:45 Knowledge about Chagas disease of patients and health professionals in a non-endemic areas: are there differences?
Jordi Gómez i Prat (Barcelona, ES)
Scientific Programme

16:45 - 17:00  An operational comparative study of quinine and artesunate for the treatment of severe malaria in hospitals and health centres in The Democratic Republic of Congo: the MATIAS study
Giovanfrancesco Ferrari (Basel, CH)

15:30 - 17:00  3.2.5. Diagnosis and management of cutaneous leishmaniasis in travellers
Convener and Chair: Johannes Blum (Basel, CH)

15:30 - 15:50  Harmonization of molecular diagnosis for Leishmania species-specific treatment
Ingrid Felger (Basel, CH)

15:50 - 16:10  Comparison of Leishmania species typing results in 17 European clinical laboratories
Gert Van der Auwera (Antwerp, BE)

16:10 - 16:30  Worldwide diversity of leishmaniasis: harmonized collection of data and isolates by the European “LeishMan” network
Pierre Buffet (Paris, FR)

16:30 - 16:50  Visceral leishmaniasis in London - identifying immuno-suppression as a risk factor
Diana Lockwood (London, GB)

16:50 - 17:00  Recommendations for management for cutaneous and mucosal leishmaniasis: case studies and discussion
Johannes Blum (Basel, CH)

15:30 - 17:00  3.2.7. Geospatial health
Convener and Chair: Jürg Utzinger (Basel, CH)

15:30 - 16:00  A new age in epidemiology - a thermodynamic paradigm for studying disease vector’s habitats & life cycles using NASA’s remote sensing data
Jeffrey C. Luvall (Huntsville, US)

16:00 - 16:15  Malaria incidence and temperature show a steady and correlated increase between 2003 till 2014 in Lubumbashi, Democratic Republic of Congo: a spatio-temporal analysis
Eric Mukomena Sompwe (Lubumbashi, CD)

16:15 - 16:30  A fine-scale geospatial analysis of factors associated with monkeypox transmission, Tshuapa District, Democratic Republic of the Congo, 2013
Benjamin P. Monroe (Atlanta, US)
Scientific Programme

16:30 - 16:45  Bayesian risk profiling and model-based prediction of soil-transmitted helminth infections among schoolchildren from Côte d’Ivoire
Richard Brou Yapi (Abidjan, CI)

16:45 - 17:00  Mapping and modelling the geographical distribution and environmental limits of podoconiosis in Ethiopia
Kebede Deribe (Brighton, GB)

Society Sessions, Shanghai 2

15:30 - 16:30  J2  Tropical Medicine & International Health (TMIH) Workshop 2: Storytelling for scientists: the drama of biomedical research papers
The IMRD structure of papers, and how to employ it to your advantage.
Organizer: Susanne Groener (London, GB)

Disease systems, Kairo 1

15:30 - 17:00  3.5.1.  Research priorities in obstetrics and reproductive health
Convener and Chair: Shally Awasthi (Lucknow, IN)

15:30 - 16:00  Research priorities for implementation and generation of evidence in obstetrics and reproductive health for countries in need
Suneeta Mittal (New Delhi, IN)

16:00 - 16:15  Addressing hidden barriers to institutional deliveries - a key intervention for reducing maternal mortality in rural Zambia
Victor M. Mukonka (Ndola, ZM)

16:15 - 16:30  Related factors of inter-community of women with gestational diabetes in postpartum diabetes screening
Seyyedeh Fatemeh Vasegh Rahimpavar (Tehran, IR)

16:30 - 16:45  A national programme of freely-available ambulance transportation for women in labour halves maternal mortality in Ethiopia: an operational analysis from Tigray Region
Peter Byass (Umea, SE)

16:45 - 17:00  Maternal body mass index and adverse pregnancy outcomes: a Ghanaian cohort study
Eva L. van der Linden (Utrecht, NL)

Health and social systems, Kairo 2

15:30 - 17:00  4.5.4.  Arthropode-borne diseases
Convener and Chair: Jose Muñoz (Barcelona, ES)
Scientific Programme

15:30 - 15:45  Seasonality of dengue epidemic potential in Europe - based on vectorial capacity for Aedes mosquitoes
Joacim Rocklöv (Umea, SE)

15:45 - 16:00  NS1 rapid test for detection of dengue virus infection
Kim-Kee Tan (Kuala Lumpur, MY)

16:00 - 16:15  A school-based intervention trial using insecticide-treated school uniforms to reduce dengue infections in school-aged children
Pattamaporn Kittayapong (Nakhon Pathom, TH)

16:15 - 16:30  Household-related risk factors of tungiasis and severe disease in Kilifi County, Kenya
Susanne Wiese (Berlin, DE)

16:30 - 16:45  Topically applied dimeticones are highly effective against embedded sand fleas (T. penetrans)
Hermann Feldmeier (Berlin, DE)

16:45 - 17:00  Efficacy of deltamethrin applied as ULV- and thermal aerosols for control of Aedes albopictus in Nice, France
Saïd Chaouki Boubidi (Montpellier, FR)

Disease systems, Samarkand

15:30 - 17:00  3.3.3.  NCDs with particular relevance to mental health
Convener and Chair: Meichun Mohler-Kuo (Zurich, CH)

15:30 - 16:00  No health without mental health
Emiliano Albanese (Geneva, CH)

16:00 - 16:15  Depression in people living with HIV/AIDS in Fitche Hospital, Central Ethiopia: a cross-sectional study
Tebikew Yeneabat (Debre Markos, ET)

16:15 - 16:30  Mental health problems of undocumented migrants in the Netherlands: a qualitative exploration of help-seeking behaviour and experiences with primary care
Jamilah Sherally (Nijmegen, NL)

16:30 - 16:45  The effect of vitamin B1 on anxiety associated with premenstrual syndrome in young women in Iran
Sareh Abdollahifard (Jahrom, IR)

16:45 - 17:00  A qualitative study of the social response to patients and caretakers of mental health disorders in a rural community of Maharashtra, India
Richa Sharma (Pune, IN)
Scientific Programme

**17:00 - 17:30**  
**PL4**  
**From research to implementation**  
Chair: David Brandling-Bennett (Seattle, US)  
*Systems biology of plasmodium; a window into malaria parasite pathophysiology and pathogenesis*  
Zbynek Bozdech (Singapore, SG)  

**17:00 - 18:00**  
**PST2**  
**NCDs and reproductive health**  
Chair: Kate Molesworth (Basel, CH)  

**17:00 - 17:05**  
**Patterns and determinants of longitudinal changes in smoking behaviour in Switzerland between 1991 and 2011: results from the SAPALDIA cohort**  
Diana Ayala-Bernal (Basel and Geneva, CH)  

**17:05 - 17:10**  
**Characterizing diabetes in Palestine: a pilot study**  
Abdulsalam Alkaiyat (Basel, CH)  

**17:10 - 17:15**  
**Hospital-acquired versus community-acquired MRSA in Singapore**  
Paola Florez de Sessions (Singapore, SG)  

**17:15 - 17:20**  
**Timing of delivery and smoke-free laws in Switzerland**  
Ana M. Vicedo-Cabrera (Basel, CH)  

**17:20 - 17:25**  
**Extended spectrum beta lactam resistance among gram negative bacterial isolates from wounds of patients attending a Ghanaian Hospital**  
Dorothy Yeboah-Manu (Legon, GH)  

**17:25 - 17:30**  
**Estimation of concentrations of six anti-malarial drugs in human breast milk based on their physicochemical and protein binding characteristics**  
Jay Prakash Jain (Hyderabad, IN)  

**17:30 - 17:35**  
**Human and animal trematode infections at Lake Chad: a one health approach to schistosomiasis and fascioliasis in mobile pastoralists and their livestock**  
Helena Greter (Basel, CH)  

**17:35 - 17:40**  
**Reduced all-cause child mortality after general measles vaccination campaign in rural Guinea-Bissau**  
Ane B. Fisker (Bissau, GW)  

**17:40 - 17:45**  
**Factors affecting childhood diarrhoea and pneumonia care-seeking behavior of mothers in a coastal area of Bangladesh**  
Md. Aminul Haque (Dhaka, BD)  

**17:45 - 17:50**  
**Pregnancy in adolescence in the Great Lakes region: findings from a multi-country survey in South Kivu (DRC), Burundi and Rwanda**  
Joelle Schwarz (Basel, CH)
Scientific Programme

17:30 - 18:00  PL5  Disease Systems

Chair: Jürg Utzinger (Basel, CH)

Neglected diseases, neglected people and neglected systems
Vincent Belizario (Manila, PH)

18:15 - 19:45  Can film save lives?

A presentation about how film can be a game changer - demonstrating the transformational power of film to build knowledge, skills and confidence to empower audiences with life-saving information about maternal and child health. Medical Aid Films creates innovative film and animation to support education and training for health workers and communities in low income countries. Our work focusses on maternal and child health and this presentation will draw on examples of our work in Somaliland, on mobile, and in response to the Ebola crisis. It will also showcase new film material shot on location in Kenya using film for training in fistula care. The session will involve discussion of future ideas and Q&A.

18:15 - 19:30  Meet the editors of PLoS neglected tropical diseases and Q&A

Chair: Jennifer Keiser (Basel, CH)
Chair: Jürg Utzinger (Basel, CH)
Scientific Programme

Tuesday, 08 September 2015

09:00 - 09:30  PL6  From research to implementation

Chair: Joanna Schellenberg (London, GB)
From mapping to risk profiling to predictions and interventions
Penelope Vounatsou (Basel, CH)

09:30 - 10:00  PL7  Health and social systems

Chair: Núria Casamitjana (Barcelona, ES)
Gender sensitivity in health systems: why does it matter?
Carol Vlassoff (Ottawa, CA)

10:30 - 12:00  SS3  Société de Pathologie Exotique (SPE), Italian Society of Tropical Medicine and Global Health (SIMET) and Sociedad Española de Medicina Tropical y Salud Internacional (SEMTSI): Rapid diagnosis tests (RDTs) in tropical infectiology 2

Chair: Miriam Navarro (Madrid, ES)
Chair: Federico Gobbi (Negrar, IT)

10:30 - 10:50  Rapid diagnostic tests for Chagas disease: an overview
Andrea Angheben (Negrar, IT)

10:50 - 11:10  The need for a rapid diagnostic test for Strongyloides stercoralis
Joan Gomez (Barcelona, ES)

11:10 - 11:30  Rapid tests for the diagnosis of Dengue and Chikungunya: strengths and weaknesses
Isabelle Leparc-Goffart (Marseille, FR)

11:30 - 11:50  Rapid tests for the diagnosis of Dengue and Chikungunya: a case series from a tertiary Italian hospital
Guido Calleri (Torino, IT)

11:50 - 12:00  Discussion
Scientific Programme

10:30 - 12:00  5.3.3.  Where there is no market - exploring novel approaches to R&D for diseases of the poor

Since the year 2000, much progress has been made to address research and development (R&D) for diseases that disproportionately affect poorer people in low and middle-income countries. A whole range of novel medical products for malaria, TB and different neglected tropical diseases (NTDs) – from diagnostics to vaccines and therapies – is available or under development. Increased public and private funding for R&D as well as new Product Development Partnerships have filled parts of the gaps that exist due to persistent market failures. Despite these initiatives major R&D gaps remain, especially for NTDs, as the recent devastating Ebola epidemic outbreak has revealed. Inadequate funding to address the broad range of R&D needs, lack of systematic prioritization of these needs and fragmentation of research efforts are some of the reasons. Moreover ensuring access while creating better incentives to invest in R&D, also remain a challenge.

This session sheds light on:
• The global R&D needs, efforts and persisting gaps with regard to diseases that mainly affect poorer people in low and middle-income
• Approaches to incentivizing R&D for such diseases, to de-linking research cost from product price and to coordinating and creating synergies between different research efforts
• Current considerations, endeavors and challenges to advance the creation of a global framework for coordinating and financing R&D for such diseases.

Convener and Chair: Manica Balasegaram (Geneva, CH)
Convener and Chair: Alexander Schulze (Bern, CH)

10:30 - 10:50  Global health R&D needs and gaps - which options do we have to address them?
John Arne Röttingen (Oslo, NO)

10:50 - 11:10  Conceptualizing a health R&D pooled fund for voluntary contributions
John Reeder (Geneva, CH)

11:10 - 11:25  The challenge of product R&D initiatives for neglected tropical diseases that currently rely on product donation programs
Jutta Reinhard-Rupp (Coinsins, CH)

11:25 - 11:40  Looking at alternative models for innovation and access for neglected infectious diseases
Manica Balasegaram (Geneva, CH)

11:40 - 11:55  Cell-based drug discovery model at the Novartis Institute for Tropical Diseases using Human African Trypanosomiasis as an example
Thierry Diagana (Singapore, SG)

10:30 - 12:00  4.4.1.  Emergent diseases: Immigrants and potential diseases with impact in and for Europe

Convener and Chair: Eduardo Gotuzzo (Lima, PE)
### Scientific Programme

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<th>Time</th>
<th>Session</th>
<th>Speaker</th>
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<td>10:30 - 11:00</td>
<td><strong>Emergent diseases: immigrants and potential diseases with impact in and for Europe</strong></td>
<td>Alessandro Bartoloni (Florence, IT)</td>
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<td>11:00 - 11:15</td>
<td><strong>Dengue serotypes and genotypes circulating in recent years in the Caribbean and imported to Europe</strong></td>
<td>Leticia Franco (Madrid, ES)</td>
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<td>11:15 - 11:30</td>
<td><strong>Identification of potential novel P. vivax vaccine candidates: naturally-acquired immune responses to a panel of P. vivax blood-stage antigens are associated with reduced risk of clinical malaria episodes in Papua New Guinean children</strong></td>
<td>Camila França (Melbourne, AU)</td>
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<td>11:30 - 11:45</td>
<td><strong>Mathematical models for P. vivax elimination</strong></td>
<td>Stephan Karl (Melbourne, AU)</td>
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<td>11:45 - 12:00</td>
<td><strong>Prevalence of strongyloidiasis in immigrants and in the autochthonous, elderly population in a formerly endemic area of Northern Italy</strong></td>
<td>Zeno Bisoffi (Negrar, IT)</td>
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**Disease systems, Montreal**

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<td>10:30 - 12:00</td>
<td><strong>Malaria transmission: from the field to the bench</strong></td>
<td>Convener and Chair: Ingrid Felger (Basel, CH)</td>
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<td>10:30 - 11:00</td>
<td><strong>The human infectious reservoir for P. falciparum in African settings</strong></td>
<td>Teun Bousema (Nijmegen, NL)</td>
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<td>11:00 - 11:15</td>
<td><strong>Where to start malaria elimination: core or fringes?</strong></td>
<td>Nakul Chitnis (Basel, CH)</td>
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<td>11:15 - 11:30</td>
<td><strong>Comparative transmission-stage dynamics of Plasmodium vivax and P. falciparum</strong></td>
<td>Rahel Wampfler (Basel, CH)</td>
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<td>11:30 - 11:45</td>
<td><strong>Impact of intensified malaria control on the epidemiology and transmission of malaria in two areas of Papua New Guinea</strong></td>
<td>Leanne J. Robinson (Madang, PG)</td>
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<td>11:45 - 12:00</td>
<td><strong>Malaria prevalence and mosquito establishment in Nouakchott, Mauritania</strong></td>
<td>Mohamed Salem Ould Ahmedou Salem (Nouakchott, MR)</td>
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**Disease systems, Delhi**

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<td>10:30 - 12:00</td>
<td><strong>Helminth infections - burden and impact</strong></td>
<td>Convener and Chair: Jennifer Keiser (Basel, CH)</td>
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Scientific Programme

10:30 - 10:55  Helminth infections - burden and impact
Charles H. King (Cleveland, US)

10:55 - 11:15  Onchocerciasis in the DRC and patient needs
Didier Bakajika (Haywards Heath, GB)

11:15 - 11:30  The impact of soil transmitted helminth on malaria clinical presentation and treatment outcome: a case control study among children in Bagamoyo district, coastal region of Tanzania
Nahya Salim Masoud (Dar es Salaam, TZ)

11:30 - 11:45  Factors driving co-occurrence of Schistosoma mansoni and S. haematobium at the micro-geographical level
Lynn Meurs (Antwerp, BE)

11:45 - 12:00  Impact of preventive chemotherapy on burden of disease due to helminthiasis: the lesson from Zanzibar
Marco Albonico (Milan, IT)

Health and social systems, Boston 1

10:30 - 12:00  4.2.4. Promoting multi-sectorial approaches in health: what kind of science do we need?
Convener and Chair: Susanna Hausmann (Bern, CH)

10:30 - 11:00  One Health: the added value of cross-sectoral collaboration between human and animal health
Jakob Zinsstag (Basel, CH)

11:00 - 11:15  Cross-sectoral partnerships for health in real-life: a case study of the Global Fund’s country coordinating mechanism (CCM) in Ethiopia
Henock Taddese (Sheffield, GB)

11:15 - 11:30  A qualitative evaluation of stakeholder perspectives on the Millennium Village Project successes and challenges in Sauri, Kenya
Yesim Tozan (New York, US)

11:30 - 11:45  The living and working conditions including accessibility to healthcare of migrants working in rubber plantations in eastern Thailand
Pongsri Maskhao (Chachoengsao, TH)

11:45 - 12:00  Using regional socio-ecologic models to identify system barriers and enablers for the adoption of Improved Cook Stoves in rural Peru
Daniel Mäusezahl (Basel, CH)

Disease systems, Boston 2

10:30 - 12:00  3.6.2. Nutrition
Convener and Chair: Klaus Kraemer (Basel, CH)
Scientific Programme

10:30 - 10:50  Overview on nutrition and immunology - role of micronutrients
Charles Stephensen (Davis, US)

10:50 - 11:10  Vitamin D and tuberculosis
Adrian Martineau (London, GB)

11:10 - 11:30  Iron fortification and the infant gut microbiome
Tanja Barth-Jaeggi (Zurich, CH)

11:30 - 11:50  New insights into the role of iron in the etiology and pathogenesis of malaria, severe anaemia and invasive bacteraemia
Hans Verhoef (London, GB)

From research to implementation, Shanghai 1

10:30 - 12:00 5.4.1.  Threats to health systems - emergency situations
Convener and Chair: Nicolaus Lorenz (Basel, CH)
Convener and Chair: Kaspar Wyss (Basel, CH)

11:00 - 11:10  Health systems strengthening: from emergency action to long-term solutions
Bernadette Peterhans (Basel, CH)

Stephanie O. Sangalang (Cologne, DE)

11:40 - 11:55  Trends and factors associated with dengue mortality and fatality in Brazil
Enny Santos da Paixão (Salvador, BR)

11:55 - 12:10  Maintaining low mortality rates in displaced populations: MSF experience in Minkaman
Monica Rull (Geneva, CH)

Society Sessions, Shanghai 2

10:30 - 11:30  J3  Tropical Medicine & International Health (TMIH) Workshop 3: What authors need to know: ethics of writing, and how journals tick
Plagiarism, authorship, copyright. What to expect from publishers, editors and referees.
Organizer: Susanne Groener (London, GB)
Scientific Programme

Other meetings, Kairo 1

10:30 - 12:00  LB2  Late Breaker Abstract Session 2

Chair: Melissa A. Penny (Basel, CH)
Chair: Manuel W. Hetzel (Basel, CH)

10:30 - 10:45  Acceptability of plasma donation for clinical trial on Ebola virus disease in Conakry, Guinea
Almudena Mari Saez (Berlin, DE)

10:45 - 11:00  Comparison of the molecular staphylococcal epidemiology in sub-Saharan Africa vs Germany: a prospective, multicenter cohort study on community associated Staphylococcus aureus
Ulla Ruffing (Homburg (Saar), DE)

11:00 - 11:15  Rapid point-of-need diagnostics for Chikungunya virus using recombinase polymerase amplification assay
Ahmed Abd El Wahed (Goettingen, DE)

11:15 - 11:30  Quality of medicines in resource-limited settings: an analysis of the compliance of pharmaceutical distributors with the WHO Quality Assurance standards
Benedetta Schiavetti (Antwerp, BE)

11:30 - 11:45  Impact of patient education and frequent contacts on various factors responsible for poor glycemic control in Type 2 diabetes mellitus patients on high dose insulin therapy
Rajeew Prabhat Tiwari (New Delhi, IN)

11:45 - 12:00  The role of night clubs in urban Dar es Salaam for tuberculosis transmission: using carbon dioxide levels and re-breathed shared air to estimate airborne transmission in Tanzania
Jerry J. Hella (Dar es Salaam, TZ)

Health and social systems, Kairo 2

10:30 - 12:00  4.2.5.  Determinants of health, knowledge attitude and practice

Chair: Carol Vlassoff (Ottawa, CA)

10:30 - 10:45  Community awareness, experience and preference for use of pandemic influenza vaccines in Pune, India
Neisha Sundaram (Basel, CH)

10:45 - 11:00  Household and community level factors associated with use of mosquito nets for under-five children in Nigeria: a multilevel analysis
Omotayo Yusuff Awere (Ibadan, NG)

11:00 - 11:15  Mixed-methods design to promote deeper understanding of how socioeconomic change influences health. The experience of a middle-age population in Poland
Zuzanna Drozdżak (Basel, CH)
Scientific Programme

11:15 - 11:30  Risk perception for HIV infection by multi-stage stratified random cross-sectional survey, South Africa 2012
Patience Gamuchirai Manjengwa (Johannesburg, ZA)

11:30 - 11:45  The effect of two different intervention approaches on a Nipah virus prevention intervention in Bangladesh
Nazmun Nahar (Basel, CH)

11:45 - 12:00  Discussion

Health and social systems, Samarkand

10:30 - 12:00  Innovations in public health entomology
Convener and Chair: Fredros Okumu (Ifakara, TZ)

10:30 - 11:00  Innovative vector control tools to address residual malaria transmission, dengue fever and other vector borne diseases
Silas Majambere (Dar es Salaam, TZ)

11:00 - 11:15  Efficacy of permethrin-impregnated clothing on knock-down and mortality of dengue mosquito vectors
Pattamaporn Kittayapong (Nakhon Pathom, TH)

11:15 - 11:30  The complementary advantage of combining spatial repellent treated sisal decorative baskets with long lasting insecticide treated nets
John Masalu Paliga (Ifakara, TZ)

11:30 - 11:45  Interactions between endosymbiotic Spiroplasma and anopheline mosquitoes
Jeremy K. Herren (Nairobi, KE)

11:45 - 12:00  Breeding conditions influence susceptibility to insecticides in mosquitoes
Henry Owusu (Basel, CH)

Industry-sponsored Symposium, Sydney

12:15 - 13:15  SAT3  The Japanese contribution to tackle global health challenges
Chair: Peter Piot (London, GB)

12:15 - 12:25  The Japanese contribution to tackle global health challenges
Kei Katsuno (Tokyo, JP)

12:25 - 12:40  How innovative collaborations can boost R&D for neglected diseases
Graeme Bilbe (Geneva, CH)

12:40 - 12:55  African-led health innovation to tackle global health challenges through partnerships: the H3D example
Kelly Chibale (Cape Town, ZA)
### Scientific Programme

**12:55 - 13:05**  
A bitter pill to swallow? How taste masking and assessment of praziquantel can contribute to the treatment of schistosomiasis in preschool children  
Eric Huber (Basel, CH)

**13:05 - 13:15**  
Discussion / Questions

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**12:15 - 13:15** SAT4  
**Neglected tropical diseases: achievements of public-private partnerships**

Chair: Robert Sebbag (Paris, FR)

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<tr>
<td>12:15</td>
<td>Introduction and context</td>
<td>Robert Sebbag (Paris, FR)</td>
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<td>12:30</td>
<td>Neglected tropical diseases: what is possible through a long term partnership</td>
<td>Jean Georges Jannin (Geneva, CH)</td>
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<td>12:45</td>
<td>Leishmaniasis management</td>
<td>Pierre Buffet (Paris, FR)</td>
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<tr>
<td>13:00</td>
<td>DNDi, perspectives of partnership</td>
<td>Bernard Pécout (Geneva, CH)</td>
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**12:15 - 13:15** SAT5  
**MDR-tuberculosis: from R&D to a patient's journey in the infectious disease landscape**

Chair: Francesca Conradie (Johannesburg, ZA)  
Chair: Jean-Pierre Zellweger (Berne, CH)

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<tr>
<td>12:15</td>
<td>Welcome and introduction</td>
<td>Jean-Pierre Zellweger (Berne, CH)</td>
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<td>12:20</td>
<td>The global burden of drug-resistant tuberculosis</td>
<td>Jean-Pierre Zellweger (Berne, CH)</td>
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<td>12:25</td>
<td>Developments in treating and preventing tuberculosis</td>
<td>Christiane Moecklinghoff (Freiburg, DE)</td>
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<td>12:40</td>
<td>Clinical management of MDR-TB patients: an interactive case approach</td>
<td>Francesca Conradie (Johannesburg, ZA)</td>
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<td>12:55</td>
<td>Future treatment options for patients with MDR-TB</td>
<td>Jean-Pierre Zellweger (Berne, CH)</td>
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<tr>
<td>13:10</td>
<td>Summary and close</td>
<td>Francesca Conradie (Johannesburg, ZA)</td>
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Scientific Programme

ITD-Conference, San Francisco


13:15 - 13:40 Welcome
Pasqualina Perrig-Chiello (Bern, CH)

13:40 - 14:10 Introduction
Marcel Tanner (Basel, CH)

14:10 - 15:30 Opening keynotes: critically reviewing a decade of rapidly advancing transdisciplinary research
Merritt Polk (Gothenburg, SE)
Julie Thompson Klein (Detroit, US)

Society Sessions, Sydney

13:30 - 15:00 J4 Tropical Medicine & International Health (TMIH) Plenary: Fundamentals of genetic epidemiology
Organizer: Christian G. Meyer (Hamburg, DE)

13:30 - 13:45 Introduction to human genetics
Christian G. Meyer (Hamburg, DE)

13:45 - 14:00 Epidemiological genetics of malaria parasites: some questions and some answers
Thomas Smith (Basel, CH)

14:00 - 14:20 Functional genetics of tuberculosis
Tom Ottenhoff (Leiden, NL)

14:20 - 14:40 Genetic epidemiology in malaria
Kathrin Schuldt (Hamburg, DE)

14:40 - 14:55 Public health genomics and personalised medicine
Angela Brand (Maastricht, NL)

14:55 - 15:00 Questions and discussion

Health and social systems, Singapore

13:30 - 15:00 4.4.2. Travel medicine
Convener and Chair: Christoph Hatz (Basel, CH)

13:30 - 14:00 Multiresistant intestinal bacteria - a concern of travel medicine practitioners?
Anu Kantele (Helsinki, FI)
Scientific Programme

14:00 - 14:15  Diagnostic guidance for patients presenting with persistent fever in neglected tropical disease endemic areas of Cambodia, the Democratic Republic of Congo, Nepal and Sudan
François Chappuis (Geneva, CH)

14:15 - 14:30  Clinical spectrum, main etiologies and outcome of neurological disorders in the rural Hospital of Mosango, Province of Bandundu, Democratic Republic of the Congo
Emmanuel Bottieau (Antwerp, BE)

14:30 - 14:45  Diagnostic accuracy of a LAMP kit for diagnosis of imported malaria in Switzerland
Hanspeteer Marti (Basel, CH)

14:45 - 15:00  Dengue in Africa: sustained and silent circulation of multiple serotypes and genotypes, detected in travelers from 2010 to 2014
Leticia Franco (Madrid, ES)

13:30 - 15:00  Environmental health problems from different global perspectives
Convener and Chair: Martin Röösli (Basel, CH)

13:30 - 13:45  Challenging the global health threat of air pollution
Nino Künzli (Basel, CH)

13:45 - 14:00  Endocrine disruptors and women reproductive health: the case of bisphenol-A and breast cancer
Maryam Zare Jeddi (Tehran, IR)

14:00 - 14:15  The impact of hormonally active pesticides on the health of vulnerable communities in South Africa
Mohamed Aqiel A. Dalvie (Cape Town, ZA)

14:15 - 14:30  Assessment of drinking water quality based on chemical and microbiological parameters in rural Bangladesh
Mahfuzar Rahman (Dhaka, BD)

14:30 - 14:45  Environmental contamination and effect on domestic animals in relation to rubber plantation activities in Eastern Thailand
Suporn Thongyuan (Kamphaengsaen, TH)

14:45 - 15:00  Integrating environmental home-based interventions to improve the quality of household air, drinking water and hygiene in rural Peru: community-randomised controlled trial
Stella Hartinger (Basel, CH)
Scientific Programme

Disease systems, Delhi

13:30 - 15:00  3.2.14. Progress and challenges for the elimination of gambiense sleeping sickness
Convener and Chair: Christian Burri (Basel, CH)
Chair: Anne Moore (Atlanta, US)

13:30 - 13:35 Introduction
13:35 - 13:55 Towards the elimination of HAT
Jose Ramon Franco Minguell (Geneva, CH)

13:55 - 14:15 The role of National Control Programmes in HAT elimination and integration into primary healthcare
Crispin Lumbala (Kinshasa, CD)

14:15 - 14:35 The development of new diagnostic tools for sleeping sickness
Philippe Büscher (Antwerpen, BE)

14:35 - 14:55 A new dawn for sleeping sickness - the development of oral treatments
Antoine Tarral (Geneva, CH)

14:55 - 15:00 Discussion

Health and social systems, Boston 1

13:30 - 15:00  4.5.3. Dengue and Chikungunya viral infections: a box of surprises
Convener and Chair: Jose Muñoz (Barcelona, ES)

13:30 - 14:00 Chikugunya in the Americas, emergence and dissemination
Marie-Claire Paty (Saint-Maurice Cedex, FR)

14:00 - 14:15 Distinct cytokine and chemokine patterns are generated among patients with Chikungunya infection
Bibhuti Saha (Kolkata, IN)

14:15 - 14:30 Urbanisation in Côte d’Ivoire increases Aedes mosquito hatching rate and contributes to dengue and yellow fever outbreaks by selecting Aedes aegypti
Bi Zahouli Julien Zahouli (Basel, CH)

14:30 - 14:45 Dengue fever outbreak in the native and expatriate communities of Dar es Salaam, Tanzania
Noémie Boillat-Blanco (Basel, CH)

14:45 - 15:00 Serotype influences on dengue severity
Creuza Rachel Vicente (Munich, DE)
Scientific Programme

13:30 - 15:00  5.4.3.  Population health - the use of health and demographic surveillance systems

Convener and Chair: Osman Sankoh (Accra, GH)

13:30 - 14:00  The benefits and challenges of public health data sharing in the context of LMICs
Abraham Jacobus Herbst (Mtubatuba, ZA)

14:00 - 14:15  Measuring population health: costs of alternative survey approaches in the Nouna Health and demographic surveillance system in rural Burkina Faso
Henrike Lietz (Heidelberg, DE)

14:15 - 14:30  Adult mortality in sub-Saharan Africa: evidence from INDEPTH member health and demographic surveillance systems
Martin Bangha (Accra, GH)

14:30 - 14:45  Health & demographic surveillance system profile: the Muzaffarpur-TMRC Health and Demographic Surveillance System
Paritosh Malaviya (Varanasi, IN)

14:45 - 15:00  Mortality and cause of death in children aged below five years: the utility of Health & Demographic Surveillance Sites in monitoring key health indicators in rural Uganda
Edward Galiwango (Kampala, UG)

Disease systems, Shanghai 1

13:30 - 15:00  3.6.3.  Nutrition and immunology

Chair: Hans Verhoef (London, GB)

13:30 - 13:45  Malaria chemoprevention, undernutrition and anaemia in children: findings from three randomized intervention trials in Southern Mali
Renion Saye (Bamako, ML)

13:45 - 14:00  Social costs of iron deficiency anemia in 6-59 month-old children in India
Simon Wieser (Winterthur, CH)

14:00 - 14:15  When malnutrition meets TB and HIV: prevalence of microcytic hypochromic anaemia and associated risk factors among adult TB cases and household contacts in urban Dar es Salaam, Tanzania
Jerry J. Hella (Dar es Salaam, TZ)

14:15 - 14:30  Predictive score of severe acute malnutrition in children under 5 years in developing countries: development and validation
Olivier K. Mukuku (Lubumbashi, CD)

14:30 - 14:45  High intestinal parasitic infections and malnutrition in school-aged children in Burkina Faso
Séverine Erismann (Basel, CH)
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<td>14:45 - 15:00</td>
<td>Prevalence and associated factors of fruit and vegetable consumption among university students in 26 low, middle and high income countries</td>
<td>Karl Peltzer (Salaya, TH)</td>
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<td>13:30 - 15:00</td>
<td>Disease systems, Shanghai 2</td>
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<td>13:30 - 15:00</td>
<td><strong>3.5.2. Child health</strong></td>
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<td>Convener and Chair: Shally Awasthi (Lucknow, IN)</td>
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<td>Diarrhoea prevalence, care and risk factors among poor children under five in Mesoamerica</td>
<td>Danny V. Colombara (Seattle, US)</td>
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<td>13:30 - 13:45</td>
<td>Promoting mother-child interaction - improving early child development through a psychomotor stimulation intervention in rural Peru: secondary outcomes of a cluster randomised trial</td>
<td>Stella Hartinger (Basel, CH)</td>
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<td>13:45 - 14:00</td>
<td>Paediatric anti-retroviral therapy in a rural setting: comparisons of mortality pre- and post-initiation of early paediatric ART and Option B+</td>
<td>Michael Hobbins (Lucerne, CH)</td>
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<td>14:00 - 14:15</td>
<td>Geographic disparities in bednet ownership and usage: an analysis of Burkina Faso 2010 Demographic and Health Survey data</td>
<td>Sekou Samadoulougou (Bruxelles, BE)</td>
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<td>14:15 - 14:30</td>
<td>Monitoring the protective effect and the effectiveness of seasonal malaria chemoprevention in Niger</td>
<td>Alena Koscalova (Geneva, CH)</td>
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<td>13:30 - 15:00</td>
<td><strong>PST3 Health and social systems</strong></td>
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<td>Chair: Kaspar Wyss (Basel, CH)</td>
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<td>13:30 - 13:35</td>
<td>Etiologies of acute febrile illness among adults attending outpatient clinics in Dar es Salaam, Tanzania</td>
<td>Noémie Boillat-Blanco (Basel, CH)</td>
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<td>13:35 - 13:40</td>
<td>Medicaid “crowd-out” of health-insurance consumers: an event history analysis with working mothers</td>
<td>Tyrone Chiwai Cheng (Tuscaloosa, US)</td>
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<td>13:40 - 13:45</td>
<td>Challenges to the care of low birthweight babies in rural Southern Malawi: a qualitative study exploring perceptions and experiences of caregivers and health workers</td>
<td>Marianne Koenraads (Liverpool, GB)</td>
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Scientific Programme

13:45 - 13:50  
The paradox of austerity in access to primary health care: evidence from Portugal’s National Health Service  
Gonçalo Figueiredo Augusto (Lisbon, PT)

13:50 - 13:55  
Why making medicines available is not enough - a study in Tanzania exploring prescription and adherence to standard treatment guidelines  
Karin Anne Wiedenmayer (Basel, CH)

13:55 - 14:00  
Health facility caseload changes during the introduction of community case management of malaria in South Western Uganda - an interrupted time series approach  
Sham Lal (London, GB)

14:00 - 14:05  
Structural drivers of inequality in the Zambian prison health system  
Clement N. Moonga (Lusaka, ZM)

14:05 - 14:10  
The cost-effectiveness of different screening strategies for human African trypanosomiasis in The Democratic Republic of the Congo  
Paul R. Bessell (Edinburgh, GB)

14:10 - 14:15  
Modelling the cost-effectiveness of introducing malaria rapid diagnostic tests in the private for-profit sector  
David Bath (London, GB)

14:15 - 14:20  
Malaria recommendations for risk groups visiting sub-Saharan Africa: a survey of European expert opinion and international guidelines  
Patricia Schlegenauf (Zurich, CH)

14:20 - 14:25  
The mode of action of spatial repellents and their impact on vectorial capacity of Anopheles gambiae sensu stricto  
Sheila Ogoma Barasa (Dar es Salaam, TZ)

14:25 - 14:30  
A project testing whether small solar powered electric fans improve comfort inside mosquito nets  
Olivier J. T. Briët (Basel, CH)

14:30 - 14:35  
Rift Valley fever, Chikungunya and rickettsioses: synopsis of four seroprevalence studies on arthropod-borne diseases from South-Western Tanzania on geographic distribution and risk factors  
Norbert Heinrich (Munich, DE)

14:35 - 14:40  
Non-malaria related acute fever, a preliminary study from Kinshasa the Democratic Republic of Congo  
Hypolite Muhindo Mavoko (Kinshasa, CD)

14:40 - 14:45  
Referral from community health workers: evidence from cluster randomised trials of mRDTs in two areas of high and low malaria transmission in Uganda  
Sham Lal (London, GB)
Scientific Programme

13:30 - 15:00 SS4  German Society for Tropical Medicine and International Health (DTG): North-South research cooperation on non-communicable disease
Chair: Gerd Burchard (Hamburg, DE)
Chair: Thomas Junghanss (Heidelberg, DE)

13:30 - 13:45  NCDs - a future challenge for non-governmental organizations
August Stich (Würzburg, DE)

13:45 - 14:00  Wound management with limited resources: it is doable and rewarding
Thomas Junghanss (Heidelberg, DE)

14:00 - 14:15  Exposure to environmental toxins in E-waste workers in Ghana
Torsten Feldt (Düsseldorf, DE)

14:15 - 14:30  Typ 2 diabetes in Ghana and among Ghanaian migrants
Frank P. Mockenhaupt (Berlin, DE)

14:30 - 14:45  Delivering the full picture: Global Health beyond infectious diseases at the CIH-LMU, Munich
Günter Fröschl (Munich, DE)

14:45 - 15:00  Risk of obesity and diabetes among a Ghanaian population in comparison to Ghanaian migrants in Europe (RODAM) - preliminary findings
Ellis Owusu-Dabo (Kumasi, GH)

13:30 - 15:00  3.3.5.  HIV and comorbidities
Convener and Chair: Julia Bohlius (Berne, CH)

13:30 - 14:00  HIV-associated malignancies in the current era: notes from the epicentre in Sub-Saharan Africa
Satish Gopal (Lilongwe, MW)

14:00 - 14:15  Assessing the global coverage of antiretroviral and cotrimoxazole prophylactic therapies among HIV/TB co-infected patients
Olatunji O. Adetokunboh (Ibadan, NG)

14:15 - 14:30  Influence of TB lineage on drug resistance and HIV comorbidity in Ghana
Adwoa Wriedu (Accra, GH)

14:30 - 14:45  Metabolic disorders among adult patients on anti-retroviral therapy in rural Southern Africa - a cross-sectional multi-center study in rural Lesotho
Niklaus Daniel Labhardt (Basel, CH)

14:45 - 15:00  Female genital schistosomiasis and human immunodeficiency virus infection: a systematic literature review
Vanessa Christinet (London, GB)
Scientific Programme

Health and social systems, San Francisco

15:30 - 17:00  4.3.2.  Maternal and infant health
Convener and Chair: Joanna Schellenberg (London, GB)

15:30 - 16:00  Interventions to improve global newborn survival towards 2030—what works, challenges and opportunities
Peter Waiswa (Kampala, UG)

16:00 - 16:15  Decline in infant mortality in Guinea-Bissau - trends and risk factors
Stine Byberg (Copenhagen, DK)

16:15 - 16:30  Mortality, morbidity and developmental outcomes in children born to women receiving either mefloquine or sulphadoxine-pyrimethamine as intermittent preventive treatment of malaria in pregnancy: a randomized controlled trial
María Rupérez (Barcelona, ES)

16:30 - 16:45  Epidemiology of malaria in pregnancy in Central East India
Irene Kuepfer (London, GB)

16:45 - 17:00  Relation of haemoglobin measured at different times in pregnancy with newborn’s anaemia and low birthweight in the district of Allada, Benin
Smaïla Ouédraogo (Ouagadougou, BF)

Society Sessions, Sydney

15:30 - 17:00  SS5  Symposium 10th Anniversary Swiss School of Public Health (SSPH+): SSPH+ perspectives on global health challenges
As the leading academic public health institution in Switzerland and as the academic public health focal point for national and international partners, the Swiss School of Public Health (SSPH+) reinforces the identity of public health as an interdisciplinary and inter-professional field of science. SSPH+ acts as the umbrella and network of the academic partner institutions for tasks and activities for which a national coordination is necessary or where the critical mass at a single institution is lacking. One of the major achievements of the first 10 years of SSPH+ was the competitive funding of 14 Assistant Professorship positions to foster the impact on population health and policy-making through training, capacity building, and research. The 10th Anniversary Symposium features scientific fields of SSPH+ leaders to put local perspectives into context with global challenges and needs. SSPH+ promotes global health science to foster evidence based action nationally and globally.
Chair: Nino Künzli (Basel, CH)

15:30 - 15:35  Introduction
Nino Künzli (Basel, CH)

15:35 - 15:55  Setting priorities for dementia research: a global health perspective
Emiliano Albanese (Geneva, CH)

15:55 - 16:15  Cancer risk factors - a global challenge
Sabine Rohrmann (Zurich, CH)
Scientific Programme

16:15 - 16:35  Transportation noise: "neglected exposure" on a global scale
Martin Röösli (Basel, CH)

16:35 - 16:55  The challenges of global health research from an ethical and legal point of view
Dominique Sprumont (Neuchâtel, CH)

Health and social systems, Singapore

15:30 - 17:00  4.5.1. Health of pastoralists and the science of zoonoses elimination
Convener and Chair: Jakob Zinsstag (Basel, CH)
Convener and Chair: Esther Schelling (Basel, CH)

15:30 - 16:00  All nomads in a mobile world: a global health perspective
Louis Loutan (Geneva, CH)
Cynthia White (Geneva, CH)

16:00 - 16:15  Neglected zoonoses at the human and livestock interface in Northern Côte d'Ivoire
Youssouf Baptiste Kanouté (Basel, CH)

16:15 - 16:30  A retrospective study on 182 cases human hydatidosis based on hospital records, from 2006 to 2013 in Hamadan, West of Iran
Nazanin Fallah (Hamadan, IR)

16:30 - 16:45  Molecular detection of Echinococcus granulosus and Taenia spp. infections in dogs in rural areas of southwest Iran
Molouk Beiromvand (Ahvaz, IR)

16:45 - 17:00  A dog rabies elimination campaign in N'Djamena, Chad
Monique Léchenne (Basel, CH)

Society Sessions, Montreal

15:30 - 17:00  SS6 Swiss Society of Tropical Medicine and Parasitology (SSTMP): Helminthiases: from drug discovery to policy
Chair: Manuela Schnyder (Zurich, CH)
Chair: Jürg Utzinger (Basel, CH)

15:30 - 15:50  Oxantel pamoate for the treatment of soil-transmitted helminthiasis and next steps
Jennifer Keiser (Basel, CH)

15:50 - 16:05  The ‘Magic Glasses’ research programme for the global control of intestinal worms
Darren James Gray (Canberra, AU)
Scientific Programme

16:05 - 16:20  WASH for WORMS: a cluster randomised controlled trial of the impact of a community-based WASH programme on soil-transmitted helminth infections in Timor-Leste - mid-point results at six months follow-up
Susana Vaz Nery (Canberra, AU)

16:20 - 16:35  Individual-based modelling of hookworm infection: predicted feasibility of achieving control and elimination by 2020
Luc E. Coffeng (Rotterdam, NL)

16:35 - 16:55  The WHO roadmap for control and elimination of helminthiases
Antonio Montresor (Geneva, CH)

Disease systems, Delhi

15:30 - 17:00  3.1.1.  HIV/AIDS from research to implementation
Convener and Chair: Manuel Battegay (Basel, CH)

15:30 - 16:00  HIV/AIDS - lessons learned and put into action in a rural region in Tanzania
Emili Letang (Ifakara, TZ)

16:00 - 16:15  Challenges in estimating death and retention rates in a longitudinal cohort of HIV-infected persons in rural Tanzania
Tracy Glass (Basel, CH)

16:15 - 16:30  Are we doing it right? Accuracy of 2013 WHO recommendations for switch to second-line ART in children: a prospective multi-center study from rural Lesotho
Niklaus Daniel Labhardt (Basel, CH)

16:30 - 16:45  Effect of current usage of contraceptives on HIV-1 shedding in late breastfeeding
David Gatsinzi Rutagwera (Bergen, NO)

16:45 - 17:00  Acceptability of lifelong treatment (Option B+) among HIV-positive pregnant and lactating women in selected sites in Malawi
Leila Katirayi (Bergen, NO)

Disease systems, Boston 1

15:30 - 17:00  3.2.1.  The development of new treatments for helminth infections
Convener and Chair: Susan Wells (Geneva, CH)
Chair: Gautam Biswas (Geneva, CH)

15:30 - 15:50  Alternative drug regimens and mass drug administration strategies for lymphatic filariasis and onchocerciasis elimination programmes
Gary J. Weil (St. Louis, US)
## Scientific Programme

**15:50 - 16:10**  
**Towards the future: the development of new macrofilaricide treatments**  
Claudia Pena Rossi (Geneva, CH)

**16:10 - 16:30**  
**A novel funding model for drug development in global health: using the Priority Review Voucher for moxidectin**  
Mark Sullivan (Melbourne, AU)

**16:30 - 16:45**  
**Tribendimidine is an efficacious and safe drug against *Opisthorchis viverrini*: results of a randomized controlled trial in southern Lao PDR**  
Somphou Sayasone (Vientiane, LA)

**16:45 - 17:00**  
**A phase I relative bioavailability study in healthy volunteers after administration of the pediatric formulation of the active enantiomer of praziquantel (L-PZQ)**  
Wilhelmina M. Bagchus (Billerica, US)

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**15:30 - 17:00  5.6.2.**  
**Novel approaches for clinical trial design for poverty-related diseases**

*From research to implementation, Shanghai 1*

**15:30 - 16:00**  
**Co-ordinated malaria research for better policy and practice: the role of research consortia**  
David Schellenberg (London, GB)

**16:00 - 16:15**  
**Randomized controlled trials using human challenge studies for influenza: a systematic review**  
Shobana Balasingam (Singapore, SG)

**16:30 - 16:45**  
**Improving efficiency and quality in clinical trials in sub-Saharan Africa**  
Nerina Vischer (CH)

**16:45 - 17:00**  
**Data Management Protocol: blueprint to stamp good data management procedures. Experience from a multicountry study in East and South Africa**  
Mary Nyambura Thiongo (Mombasa, KE)

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**15:30 - 17:00  3.2.13.**  
**Time to improve snakebite management in the tropics!**

*From research to implementation, Shanghai 2*

**15:30 - 15:35**  
**Introduction “the unknown killer”**  
Gabriel Alcoba (Geneva, CH)

**15:35 - 15:45**  
**The Nigerian experience**  
Abdul Habib (Kano, NG)
Scientific Programme

15:45 - 15:55  The Nepalese experience  
Sanjib Sharma (Dharam, NP)

15:55 - 16:05  Finding a Pan-African antivenom  
Robert Harisson (Liverpool, GB)

16:05 - 16:15  Rapid & molecular diagnosis techniques  
Ulrich Kuch (Frankfurt, DE)

16:15 - 16:35  Panel discussion on access: why aren't antivenoms available where they are most needed? What can be done?  

16:35 - 16:40  Introduction  
Julien Potet (Paris, FR)

16:40 - 16:45  Co-chair of the panel/expert: why did this crisis occur?  
David Warrell (Oxford, GB)

16:45 - 16:50  Co-chair of the panel/expert: how can we solve it?  
Jean Philippe Chippaux (BJ)

16:50 - 17:00  Interactive debate on solutions for better data, better access, and better coverage

Disease systems, Kairo 1

15:30 - 17:00  3.5.4. Sexual and reproductive health

15:30 - 16:00  Global adolescent sexual and reproductive health: the way forward  
David Ross (London, GB)

16:00 - 16:15  Sexuality education is associated with increased disclosure and treatment seeking after violence experiences of young women 15-24: results from a multi-country-survey including Eastern DRC, Rwanda, and Burundi  
Sonja Merten (Basel, CH)

16:15 - 16:30  “I try to avoid the boys!” Adolescents' sexuality representation in Rwanda, a mixed method analysis  
Jana Gerold (Basel, CH)

16:30 - 16:45  Linking capitals und entitlements in health promotion  
Constanze Dorothee Pfeiffer (Basel, CH)

16:45 - 17:00  Adolescents and youth taking control of their HIV treatment through the web-based peer support platform: the case of Mombasa, Kenya (ELIMIKA Project)  
Olena Ivanova (Ghent, BE)
Scientific Programme

Society Sessions, Kairo 2

15:30 - 17:00 SS7 Netherlands Society of Tropical Medicine and International Health (NVTG): Where aid meets trade: exploring business approaches and public private partnerships for health

Chair: Koert Ritmeijer (Amsterdam, NL)
Chair: Esther Jurgens (Maastricht, NL)

15:30 - 15:45 Public-private partnerships for health: considering their features and roles in accelerating universal health coverage
Leon Bijlmakers (Nijmegen, NL)

15:45 - 16:00 Drugs for Neglected Diseases initiative: public-private partnership in drug development
Nathalie Strub-Wourgaft (Geneva, CH)

16:00 - 16:15 Investing in female condoms. The role of PPPs in the Universal Access to the Female Condom Initiative
Judit Barniol (Woerden, NL)

16:15 - 16:30 Making health markets work for the poor
Alexander Kohnstamm (Amsterdam, NL)

16:30 - 17:00 Debate

15:30 - 17:00 5.5.1. Innovative technologies and approaches to strengthen health

Convener and Chair: Joachim Pelikan (Basel, CH)

15:30 - 16:00 Challenges to scaling up eHealth in low income countries
Senga Kali Pemba (Morogoro, TZ)

16:00 - 16:15 Managing research and surveillance projects in real-time using a novel open-source eManagement tool designed for low-resource countries
Grace Mhalu (Dar es Salaam, TZ)

16:15 - 16:30 An exploratory study using mHealth technology to describe health risks to travelers
Andrea Farnham (Zurich, CH)

16:30 - 16:45 Ghana telemedicine - using mHealth to bridge the gaps in health service availability and accessibility
Christina Wadhwani (Basel, CH)

16:45 - 17:00 The influence of mobile health on patient adherence in the case of effective management of type 2 diabetes in Bangladesh
Farzana Yasmin (Heidelberg, DE)
Scientific Programme

16:00 - 17:00 PST4  Neglected tropical diseases speed talks

Chair: Matthias Rottmann (Basel, CH)

16:00 - 16:05  What determines the ANRS 12174 trial mothers´ breastfeeding behavior?
Eric Nagaonlé Some (Ouagadougou, BF)

16:05 - 16:10  Consequences of the Ebola outbreak crisis for non-Ebola health care offer and access in Liberia
Mit Philips (Brussels, BE)

16:10 - 16:15  Prevalence and risk of transfusion transmission of visceral leishmaniasis in Brazilian endemic areas
Helio Moraes-Souza (Uberaba, BR)

16:15 - 16:20  Studying the relationship between drug resistance and genomic variations in Leishmania donovani using a network-based method
Mónica R. Ticlla Ccenhua (Leuven, BE)

16:20 - 16:25  A comprehensive malaria risk map in Kinshasa, Democratic Republic of Congo
Maggy Henry Ntuku (Kinshasa, CD)

16:25 - 16:30  A national cross-sectional survey for spatial risk mapping and prediction of Plasmodium falciparum infection among school-aged children in Côte d'Ivoire
Clarisse Abikpo Houngbedji (Abidjan, CI)

16:30 - 16:35  The impact of human mobility on schistosomiasis in Senegal: an analysis via mobile phone data
Manuela Ciddio (Milano, IT)

16:35 - 16:40  Drug-induced differentiation leads to lysis of African trypanosomes
Tanja Wenzler (Basel, CH)

16:40 - 16:45  Putting the elimination of human African trypanosomiasis on the map: achievements and challenges
Jose Ramon Franco Minguell (Geneva, CH)

16:00 - 17:30 ITD-WS1  Ways of stakeholder engagement and knowledge integration

Chair: Gabriele Bammer (Canberra, AU)

16:00 - 16:15  Methods and procedures of knowledge integration: insights from the National Research Programme (NRP 61) on Sustainable Water Management
Sabine Hoffmann (Dübendorf, CH)
Scientific Programme

16:15 - 16:30  Transdisciplinary research with digital natives - creative ways of data production and data presentation
   Andrea Sieber (Wien, AT)

16:30 - 16:45  Citizen Science beyond disciplinary boundaries: theses on the relation between citizen science, participation and transdisciplinarity
   Alexandra Lux (Frankfurt, DE)

16:45 - 17:00  Building the interdisciplinary bioeconomy: using action research to facilitate inter- and transdisciplinary knowledge creation
   Dorothy S. Olsen (Oslo, NO)

ITD-Conference, Hotel Pullman Galerie 2
16:00 - 17:30  ITD-WS2 Reflecting on transdisciplinary sustainability research
   Chair: Rick Szostack (Edmonton, CA)

16:00 - 16:15  Modes and impacts of sustainability research
   Jens Newig (Lüneburg, DE)

16:15 - 16:30  Current progress in transdisciplinary water research
   Tobias Krueger (Berlin, DE)

16:30 - 16:45  Reflections upon inter- and transdisciplinary issues related to the study of flood risk in Southern California
   Julien Forbat (Irvine, US)

16:45 - 17:00  Sustainability wheel, a tool for facilitating transdisciplinary sustainability assessments
   Flurina Schneider (Bern, CH)

ITD-Conference, Hotel Pullman Estrade 1-2
16:00 - 17:30  ITD-WS3 Workshop: CIENS - Oslo Centre for Interdisciplinary Environmental and Social Research: transdisciplinarity for urban sustainability
   CIENS - Oslo Centre for Interdisciplinary Environmental and Social Research: transdisciplinarity for urban sustainability
   Vibeke Nenseth (Oslo, NO)

ITD-Conference, Hotel Pullman Arcade
16:00 - 17:30  ITD-WS4 Joint Session: higher education for, as, and through transdisciplinary research
   Higher education for, as, and through transdisciplinary research
   Jan C. Schmidt (Darmstadt, DE)
Scientific Programme

Disease systems, San Francisco

17:00 - 18:30  3.1.9. Towards malaria vaccines
Convener and Chair: Marcel Tanner (Basel, CH)

17:00 - 17:30
Progress toward licensure of a PfSPZ vaccine for worldwide use in all age groups
Stephen L. Hoffman (Rockville, US)

17:30 - 17:45
Novel approaches for the identification and profiling of new Plasmodium falciparum antigens as promising blood-stage candidates for inclusion in a malaria subunit vaccine
Paola Favuzza (Basel, CH)

17:45 - 18:00
Safety and immunogenicity of novel candidate blood-stage malaria vaccine P27A with Alhydrogel® or GLA-SE as adjuvant in healthy malaria non-exposed European and malaria exposed African adults aged 18-45 years
Said Jongo (Bagamoyo, TZ)

18:00 - 18:15
PfSPZ vaccine: from concept to focal elimination of Plasmodium falciparum
Peter F. Billingsley (Rockville, US)

18:15 - 18:30
Assessment of FMP2.1/AS01B, an asexual blood-stage malaria vaccine, in a phase I/IIa clinical trial using blood-stage controlled human malaria infection
Ruth O. Payne (Oxford, GB)

Society Sessions, Sydney

17:00 - 18:30  SS8 European Academic Global Health Alliance (EAGHA): the tragedy in the Mediterranean Sea is a global health issue

The refugee disaster in the Mediterranean Sea, at the Southern border of the European Union, is an important global health issue. Migration is a major determinant of health - for the better or for the worse. Migrants leave their home countries to seek a new and better life elsewhere. A subgroup of “refugees” are civilians fleeing danger, such as violence or natural disasters. Under international law they are entitled to claim protection, or asylum. The European Union’s Common European Asylum System (CEAS) is intended to ensure the rights of refugees under international law. However, CEAS appears unable to handle sudden flows of people from conflict and war zones. EU member states need to establish procedures and infrastructures consistent with the EU Charter of Fundamental Rights.

This symposium explores the role of public health experts and medical doctors in the escalating refugee crisis. The European Conference on Tropical Medicine and International Health provides a unique opportunity to view and analyse the crisis from the “Southern” and “Northern” perspective. Representatives from both sides will speak, followed by a debate. The goal is to better understand this complex situation and to explore how the global health research and academic community can work together to support the development of concepts for the health, safety, and dignity of migrants and refugees.

Chair: Núria Casamitjana (Barcelona, ES)
Chair: Thomas Junghanss (Heidelberg, DE)
Scientific Programme

17:00 - 17:10  What are the role and research priorities for public health in a society where human rights have been declared disposable?
Gianni Tognoni (Milan, IT)

17:10 - 17:20  Health of refugees and migrants. An issue for global concern, and action
Olimpia de la Rosa Vazquez (Barcelona, ES)

17:20 - 17:30  The challenge of migration - the role of International Organisations
Manuel Carballo (Geneva, CH)

Disease systems, Singapore  
17:00 - 18:30  3.2.2. Ebola and other emerging infectious diseases
Convener and Chair: Daniel Bausch (New Orleans, US)

17:00 - 17:30  A survivor’s story: dual citizenship at the Ebola bedside
Ian Crozier (Nashville, US)

17:30 - 17:45  Mobile suitcase laboratory for rapid detection of Ebola virus at low resource settings
Ahmed Abd El Wahed (Goettingen, DE)

17:45 - 18:00  Artesunate-amodiaquine is associated with reduced Ebola mortality
Iza Ciglenecki (Geneva, CH)

18:00 - 18:15  The velocity of Ebola virus disease spread in the West African epidemic
Kate Zinszer (Boston, US)

18:15 - 18:30  Biodiversity, Bushmeat and Monkeypox in the Democratic Republic of the Congo: another viral threat upon larger cities?
Anne Laudisoit (Antwerpen, BE)

Disease systems, Montreal  
17:00 - 18:30  3.1.7. Drug resistance in malaria
Convener and Chair: David Schellenberg (London, GB)

17:00 - 17:30  Chemoattenuation of malaria parasites for immunization
Peter Kremsner (Tübingen, DE)

17:30 - 17:45  New medicines for malaria eradication - seven years on
Tim Wells (CH)

17:45 - 18:00  Efficacy, safety and pharmacokinetics of KAF156 in adult patients with acute, uncomplicated P. falciparum or vivax malaria: a proof-of-concept, open label study
Nicholas J. White (Bangkok, TH)
Scientific Programme

18:00 - 18:15  Artemisinin-based combination therapy efficacy in Kisumu, Western Kenya: selection of parasite subpopulations of Plasmodium falciparum with attenuated response to ACTs
Edwin Kamau (Kisumu, KE)

18:15 - 18:30  Plasmodium falciparum multiplication rates in recurrent parasitaemias
Piero Olliaro (Geneva, CH)

17:00 - 18:30  Disease systems, Delhi
3.1.11.  Tuberculosis: current challenges
Convener and Chair: Sebastien Gagneux (Basel, CH)

17:00 - 17:30  The WHO 'End TB Strategy': placing research at the core of TB elimination
Christian Lienhardt (Geneva, CH)

17:30 - 17:45  Prevalence and clinical relevance of helminth and tuberculosis co-infections in urban Dar es Salaam, Tanzania
Francis Apolinary Mhimbira (Bagamoyo, TZ)

17:45 - 18:00  Spatio-temporal distribution of Mycobacterium tuberculosis complex strains from Ghana
Dorothy Yeboah-Manu (Legon, GH)

18:00 - 18:15  Identification of potential tuberculosis vaccine antigens by integrating population genomics and immunology
Mireia Coscolla (Basel, CH)

18:15 - 18:30  The effect of diabetes mellitus on the pharmacokinetics of tuberculosis drugs in Tanzanian patients
Charles Mtabho (Moshi, TZ)

17:00 - 18:30  From research to implementation, Boston 1
5.5.2.  Digital health on the ground
Convener and Chair: Ann Aerts (Basel, CH)
Chair: Don deSavigny (Basel, CH)

17:00 - 17:15  Novartis Foundation: introduction
Ann Aerts (Basel, CH)

17:15 - 17:30  Introduction of the topic
Don deSavigny (Basel, CH)

17:30 - 17:38  LEARNS: mobile health tool for leprosy in the Philippines
Ernesto Villalon III (Manila, PH)

17:38 - 17:46  Telemedicine project in Ghana
Joseph Nana Adomako (Kumasi, GH)
Scientific Programme

17:46 - 17:55 Integrated e-Diagnostic approach for maternal and child health
Guillaume Deflaux (Ouagadougou, BF)

17:55 - 18:25 Moderated discussion and Q&A

18:25 - 18:30 Conclusions
Ann Aerts (Basel, CH)

17:00 - 18:30 Disease systems, Boston 2

3.3.2. Dual burden of communicable and non-communicable
diseases in low and high income countries
Convener and Chair: Nicole Probst-Hensch (Basel, CH)

17:00 - 17:30 Helminth infection and cancer in resource poor countries
Peter Odermatt (Basel, CH)

17:30 - 17:45 Longitudinal evolution of diabetes during tuberculosis in Dar es Salaam,
Tanzania
Noémie Boillat-Blanco (Basel, CH)

17:45 - 18:00 The illness experiences on the double burden of disease: a case of diabetes in the context of malaria in Southeastern Tanzania
Emmy Metta (Dar es Salaam, TZ)

18:00 - 18:15 Glycated nail proteins as a biomarker of diabetes
Joris R. Delanghe (Gent, BE)

18:15 - 18:30 Heterogeneity of obesity-asthma association disentangled by latent class analysis
Ayoung Jeong (Basel, CH)

From research to implementation, Shanghai 1

5.6.4. Measuring effectiveness: approaches to evaluate large-scale programs
Convener and Chair: Joanna Schellenberg (London, GB)

17:00 - 17:30 Pragmatic evaluation
James Hargreaves (London, GB)

17:30 - 17:45 Effective coverage and systems effectiveness for malaria case management in sub-Saharan African countries
Katya Galactionova (Basel, CH)

17:45 - 18:00 How effective are demand-side incentives in improving utilisation of delivery services in the Oyam district of northern Uganda? A quasi-experimental study
William Massavon (Aber, UG)
Scientific Programme

18:00 - 18:15 Health monitoring in a changing social-ecological context of a biofuel project in Sierra Leone
Astrid M. Knoblauch (Basel, CH)

18:15 - 18:30 Using social network analysis to assess communication between programme and district managers on HIV programme monitoring and evaluation in South Africa
Mary Kawonga (Johannesburg, ZA)

17:00 - 18:30 5.4.4. Moving beyond estimation of the burden of household air pollution- ensuring adoption and health benefits of demonstrably clean cooking
Convener and Chair: Daniel Mäusezahl (Basel, CH)
Convener and Chair: Donee Alexander (US)

17:00 - 17:10 Introduction
Donee Alexander (US)
Daniel Mäusezahl (Basel, CH)

Keynote speeches:

17:10 - 17:20 Adoption of clean fuels
Daniel Mäusezahl (Basel, CH)

17:20 - 17:30 Health impact of clean cooking
Heather Adair-Rohani (Geneva, CH)

Introduction of Panel:

17:30 - 17:35 Viewpoints of institution setting standards for air quality guidelines
Heather Adair-Rohani (Geneva, CH)

17:35 - 17:40 Viewpoint of a country involved in strong clean energy policy translation
Kwaku Poku Asante (Kintampo, GH)

17:40 - 17:45 Experience from a country newly implementing clean energy policies
Stella Hartinger (Basel, CH)

17:45 - 18:15 Discussion by panelists & questions from the audience

18:15 - 18:20 Symposium closure

Health and social systems, Kairo 1

17:00 - 18:30 4.3.3. Health systems and social exclusion
Convener and Chair: Kaspar Wyss (Basel, CH)
Chair: Antoni Plasència (Barcelona, ES)
Scientific Programme

17:00 - 17:30  Access to health care for the worst-off in Burkina Faso: results of 15 years of research  
Valéry Ridde (Montreal, CA)

17:30 - 17:45  Integrating medical and social care for the elderly: effectiveness of different types of home care services in Belarus  
Tatyana Svetlovich (Minsk, BY)

17:45 - 18:00  Assessment of work-time allocation of health workers at family medicine level in rural Tajikistan through direct observation  
Nargis Juraeva (Dushanbe, TJ)

18:00 - 18:15  Management strengthening using health workforce performance problems in decentralised contexts: lessons from Ghana, Tanzania and Uganda  
Tim Martineau (Liverpool, GB)

18:15 - 18:30  Towards a programme theory in the application of systems thinking to complex public health issues  
Jo Durham (Brisbane, AU)

17:00 - 18:30  Dengue control  
Convener and Chair: Annelies Wilder-Smith (Umea, SE)  
Chair: Duane Gubler (Singapore, SG)

17:00 - 17:15  DengueTools: innovative strategies and tools for the prevention and control of dengue  
Annelies Wilder-Smith (Umea, SE)

17:15 - 17:30  Global dispersion patterns and outbreak risks of Dengue  
Joacim Rocklöv (Umea, SE)

17:30 - 17:45  Dengue transmission dynamics: the role of asymptomatic infections  
Richard Paul (FR)

17:45 - 18:00  Dengue vaccine development: lessons learnt from asymptomatic infections  
Anavaj Sakuntabhai (Paris, FR)

18:00 - 18:15  Dengue control in the IDAMS consortium  
Thomas Jaenisch (Heidelberg, DE)

18:15 - 18:30  The global distribution of the arbovirus vectors Aedes aegypti and Ae. albopictus  
Moritz Udo Georg Kraemer (Oxford, GB)
Scientific Programme

17:00 - 18:30  3.2.3.  Leishmaniasis

Convener and Chair: Johannes Blum (Basel, CH)

17:00 - 17:15  Effectiveness, safety profile of new treatments and long term outcome for Kala-azar at public health facilities in Bihar, India
Vishal Goyal (New Delhi, IN)

17:15 - 17:30  IgG1 as a potential biomarker of post-chemotherapeutic relapse in visceral leishmaniasis, and adaptation to a rapid diagnostic test
Tapan Bhattacharyya (London, GB)

17:30 - 17:45  Portable HECT-CL thermotherapy for *L. tropica* cutaneous leishmaniasis in Aleppo, Syria during 2014
Richard Witzig (New Orleans, US)

17:45 - 18:00  Post kala-azar dermal leishmaniasis treated with liposomal amphotericin B (AmBisome)
Sakib Burza (Delhi, IN)

18:00 - 18:15  Mimotope-based vaccines of *Leishmania infantum* antigens and their protective efficacy against visceral leishmaniasis
Lourena Emanuele Costa (Belo Horizonte, BR)

18:15 - 18:30  Innovative approaches to visceral leishmaniasis: 18F-FDG PET/CT as a diagnostic tool and treatment with a single dose of liposomal amphotericin B
Stefania Varani (Bologna, IT)
Scientific Programme

Wednesday, 09 September 2015

ITD-Conference, Hotel Pullman Galerie 1

08:30 - 10:00  **ITD-WS5 Health, sustainability and transdisciplinarity 1**

**Chair:** Stephen Fiore (Orlando, US)

**08:30 - 08:45**
**Linking sustainable development and health: a socio-ecological perspective**
Ulli Weisz (Vienna, AT)

**08:45 - 09:00**
**Bringing health co-benefits of changes in urban mobility into the debate: scenarios as intersection between science and policy**
Willi Haas (Vienna, AT)

**09:00 - 09:15**
**Sustainable care models at the interface of health and social services. A case study in social work**
Claudia Michel (Bern, CH)

**09:15 - 09:30**
**A food education programme for children with and without special needs - a multidisciplinary action research project**
Anne-Claude Luisier (Sion, CH)

ITD-Conference, Hotel Pullman Galerie 2

08:30 - 10:00  **ITD-WS6 Learning in and through transdisciplinary processes**

**Chair:** Catherine Lyall (Edinburgh, GB)

**08:30 - 08:45**
**Transdisciplinarity in science education through the European Engage project**
Ignacio Monge (Fribourg, CH)

**08:45 - 09:00**
**Doctoral studies in cross-disciplinary research environments: societal demand, Academia response, and doctoral learning progression - mutual processes?**
Camilla Berglund (Karlstad, SE)

**09:00 - 09:15**
**Can transdisciplinarity in teaching and learning contribute to regional sustainable development? Scaling up experiences from a EU project in Albania and Kosovo**
Marlene Mader (Lüneburg, DE)

**09:15 - 09:25**
**Providing transdisciplinary learning opportunities in a regular master course**
Karl Herweg (Berne, CH)
Stephan Rist (Berne, CH)
Scientific Programme

ITD-Conference, Hotel Pullman Estrade 1-2

08:30 - 10:00 ITD-WS7 Transdisciplinary institutions
Chair: Theres Paulsen (Bern, CH)

08:30 - 08:45
Creating impact through transdisciplinary research: the example of the Academy for Spatial Research and Planning (ARL)
Lisa Marquardt (Hannover, DE)

08:45 - 09:00
Starting up a viable transdisciplinary customer driven innovation capability in a tertiary educational institution - the journey, some milestones and lessons learned
Mariana van der Walt (Hamilton, NZ)

09:00 - 09:15
Cross-cutting issues in transdisciplinarity at the Uruguayan University: an analytical approach to four academic centres
Bianca Vienni Baptista (Montevideo, UY)

09:15 - 09:30
Epistemological interdisciplinarity: a case study
Adriënne Heijnen (Aarhus, DK)

ITD-Conference, Hotel Pullman Arcade

08:30 - 10:00 ITD-WS8 Workshop: Significance and relevance of theory and theory building in transdisciplinary research. A discoursive, praxeological approach

Significance and relevance of theory and theory building in transdisciplinary research. A discoursive, praxeological approach
Martina Ukowitz (Klagenfurt, AT)

Plenary Session, San Francisco

09:00 - 09:30 PL8 Disease systems
Chair: Antoine Flahault (Geneva, CH)

NCD policy in South Africa: progress and challenges using fiscal, legislative and regulatory levers
Karen J. Hofman (Johannesburg, ZA)

Plenary Session, San Francisco

09:30 - 10:00 PL9 Health and social systems
Chair: Shally Awasthi (Lucknow, IN)

Achieving effective community participation for health under resource constraints
Marcel Tanner (Basel, CH)
Scientific Programme

10:30 - 11:45  ITD-PL2  Keynotes on learning from synergies across sustainability, health and transdisciplinarity

10:30 - 11:05  Keynotes on learning from synergies across sustainability, health, and transdisciplinarity
Sarah Gehlert (St. Louis, US)
Jakob Zinstag (Basel, CH)

10:30 - 12:00  From research to implementation, Sydney

5.6.1.  Challenges of surveillance-response in the disease elimination phase
Convener and Chair: Xiao-Nong Zhou (Shanghai, CN)

10:30 - 11:00  Feasibility and roadmap analysis on malaria elimination in China
Wei-Zhong Yang (Beijing, CN)

11:00 - 11:15  Enhanced dengue sentinel surveillance in Sri Lanka
Hasitha Tissera (Colombo, LK)

11:15 - 11:30  Fine scale participatory mapping of malaria infection clusters by using routinely collected health facility data in urban Dar es Salaam, Tanzania
Yeromin Paul Mlacha (Dar es Salaam, TZ)

11:30 - 11:45  Evaluation of the national case-based measles surveillance system in South Africa: January 2009 to December 2013
Eva D. Mathatha (Pretoria, ZA)

11:45 - 12:00  Operational challenges during implementation of the 1,3,7 malaria surveillance strategy in China: a qualitative study
Guangyu Lu (Heidelberg, DE)

10:30 - 12:00  From research to implementation, Singapore

5.6.3.  Surveillance of substandard and falsified medicines
Convener and Chair: Paul Newton (Vientiane, LA)

10:30 - 11:00  WHO surveillance and monitoring of substandard and falsified medical products
Pernette Bourdillon Esteve (Geneva, CH)

11:00 - 11:15  The quality of paediatric medicines supplied by private wholesalers in Kinshasa, DRC
Raffaella Ravinetto (Antwerpen, BE)

11:15 - 11:30  DIFAEM-EPN Minilab-network
Albert Petersen (Tübingen, DE)
Scientific Programme

11:30 - 11:45  Quality assessment of the pharmaceutical products management system in Chad
Christophe Rapp (Saint-Mande Cedex, FR)

11:45 - 12:00  Systematic sampling approach reveals fewer falsified first line antimalarials than previously reported
Harparkash Kaur (London, GB)

10:30 - 12:00  Large cohorts and big data and disease/risk mapping-predicting
Convener and Chair: Vincent E. Mooser (Lausanne, CH)
Convener and Chair: Nicole Probst-Hensch (Basel, CH)

10:30 - 11:00  Tracking outbreaks of emerging infectious diseases using Big Data
Antoine Flahault (Geneva, CH)

11:00 - 11:15  Modification of ambient air pollution and diabetes association by type 2 diabetes genetic risk score of 48 variants
Ikenna C. Eze (Basel, CH)

11:15 - 11:30  Malaria mortality in a hypoendemic area of North-Eastern South Africa: population-based surveillance from 1992 to 2013 reveals an increasing malaria burden
Peter Byass (Umea, SE)

11:30 - 11:45  High participation and engagement rate in a systematic hospital-based genomic medicine research project with broad consent
Vincent E. Mooser (Lausanne, CH)

11:45 - 12:00  MIDATA cooperatives - citizen-controlled use of health data is a prerequisite for big data analysis, economic success and a democratization of the personal data economy
Ernst Hafen (Zurich, CH)

10:30 - 12:00  The struggle with MDR-TB
Convener and Chair: Klaus Reither (Basel, CH)

10:30 - 11:00  Host - directed therapies in TB - wishful thinking or clinical reality
Markus Maeurer (Stockholm, SE)

11:00 - 11:15  Towards first in human clinical trial with the novel drug candidate PBTZ169
Jean-Yves Gillon (Lausanne, CH)
## Scientific Programme

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker/Institution</th>
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<tbody>
<tr>
<td>11:15 - 11:30</td>
<td>Novel molecular approaches to assessing the burden of drug-resistant tuberculosis</td>
<td>Anna S. Dean (Geneva, CH)</td>
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<tr>
<td>11:30 - 11:45</td>
<td>Pyrazinamide resistance in <em>Mycobacterium tuberculosis</em> develops after resistance to rifampicin and is increasingly common as strains become resistant to additional antibiotics</td>
<td>Amel Kevin Alame Emane (Paris, FR)</td>
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<tr>
<td>11:45 - 12:00</td>
<td>Impact of the <em>M. tuberculosis</em> genetic background on the acquisition of drug resistance-conferring mutations</td>
<td>Sonia Borrell (Basel, CH)</td>
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### Society Sessions, Boston 1

**10:30 - 12:00 SS9**

#### Forum for Global Health Research (FGHR, Norway): task shifting dilemmas in light of the human resource shortage in health

Convener and Chair: Johanne Sundby (Oslo, NO)

<table>
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<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker/Institution</th>
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<tbody>
<tr>
<td>10:30 - 10:40</td>
<td>Task shifting from TBA to surgery, some challenges</td>
<td>Johanne Sundby (Oslo, NO)</td>
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<tr>
<td>10:40 - 11:00</td>
<td>Traditional birth attendants - do they make a difference?</td>
<td>Margit Steinholt (Tromso, NO)</td>
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<tr>
<td>11:00 - 11:20</td>
<td>Task shifting in abortion provision</td>
<td>Bela Ganatra (Geneva, CH)</td>
</tr>
<tr>
<td>11:20 - 11:40</td>
<td>Surgical task shifting - quick fix or safe solution?</td>
<td>Karine Nordstrand (Oslo, NO)</td>
</tr>
<tr>
<td>11:40 - 12:00</td>
<td>Increasing surgical capacity in Sierra Leone by training Medical Doctors and Community Health Officers in surgical and obstetric life-saving surgery</td>
<td>Alex J. van Duinen (Trondheim, NO)</td>
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</tbody>
</table>

### Disease systems, Boston 2

**10:30 - 12:00 3.2.15.**

#### Helminth infections - diagnosis

Convener and Chair: Jennifer Keiser (Basel, CH)

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<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker/Institution</th>
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<tbody>
<tr>
<td>10:30 - 10:45</td>
<td>Is PCR the next gold standard for the diagnosis of Schistosoma in stool? A comparison with microscopy in Senegal and Kenya</td>
<td>Lynn Meurs (Antwerp, BE)</td>
</tr>
<tr>
<td>10:45 - 11:00</td>
<td>Sensitivity of Strongyloides IgG antibody detection by ELISA among immunocompromised patients</td>
<td>Laurent Gétaz (Geneva, CH)</td>
</tr>
</tbody>
</table>
Scientific Programme

11:00 - 11:15  Innovative diagnostic tools to control cystic echinococcosis
              Maria Paola Maurelli (Naples, IT)

11:15 - 11:30  An ultra-sensitive urine-based assay targeting the circulating anodic antigen (CAA) for diagnosis of urogenital and intestinal schistosomiasis in low-endemic areas
              Govert J. van Dam (Leiden, NL)

11:30 - 11:45  Comparison of different diagnostic procedures, including mini-FLOTAC and multiplex real-time PCR, for the diagnosis of soil transmitted helminths and protozoa in stool samples from Ende, Indonesia
              Lisette van Lieshout (Leiden, NL)

11:45 - 12:00  Nanobody®-based sandwich enzyme-linked immunosorbent assay for the detection of Toxocara canis excretory-secretory proteins
              Francisco J. Morales (Brussels, BE)

10:30 - 12:00  Effective development cooperation in a complex environment

          Health and social systems, Shanghai 1

10:30 - 11:00  "Keep it simple, stupid": The aid/health sector conundrum
              Paul Bossyns (Brussels, BE)

11:00 - 11:30  Sustainable development results through complexity management and learning
              Paul Bossyns (Brussels, BE)

11:30 - 11:45  Are Global Health Initiatives contributing to health system strengthening in Zanzibar?
              Isabel Litwin-Davies (Stockholm, SE)

11:45 - 12:00  Political pressure from donors to reduce or end health aid on basis of country income classification risks damage to people's health in middle income countries and undermining effectiveness of global health initiatives
              Mit Philips (Brussels, BE)

10:30 - 12:00  R&D for African and South-American Trypanosomiasis

          Disease systems, Shanghai 2

10:30 - 10:45  A new diagnostic algorithm for Trypanosoma brucei gambiense human African trypanosomiasis (HAT) case detection in a low prevalence setting in North Western Uganda
              Enock Matovu (Kampala, UG)
Scientific Programme

10:45 - 11:00  Development of a rapid diagnostic test for active case detection in sleeping sickness control: recHAT Sero-Strip
Philippe Büscher (Antwerpen, BE)

11:00 - 11:15  Migration between Côte d’Ivoire and bordering countries and Human African Trypanosomiasis
Esther Schelling (Basel, CH)

11:15 - 11:30  Research and development landscape in Chagas disease
Isabela Ribeiro (Geneva, CH)

11:30 - 11:45  High frequency of Trypanosoma cruzi polyclonal infections detected by molecular characterization of natural parasite populations in Chagas disease patients enrolled in clinical trials with antiparasitic drugs
Juan C. Ramirez (Buenos Aires, AR)

11:45 - 12:00  Immunogenicity and efficacy of a subunit therapeutic vaccine against Chagas disease
Kathryn M. Jones (Houston, US)

Disease systems, Kairo 1

10:30 - 12:00  3.1.8. Insecticide resistance
Convener and Chair: Pie Müller (Basel, CH)

10:30 - 11:00  The implications of pyrethroid resistance for malaria control and elimination
Hilary Ranson (Liverpool, GB)

11:00 - 11:15  Malaria vector control at a crossroads: public health entomology and the drive to elimination
Emmanuel A. Temu (Geneva, CH)

11:15 - 11:30  Anopheles arabiensis is not successfully controlled by indoor residual spraying in Northwest Tanzania: implication for malaria vector control in the area
Jovin Kitau (Moshi, TZ)

11:30 - 11:45  Insecticide susceptibility of Anopheles gambiae s.l. in sentinel sites in the Democratic Republic of Congo
Gillon Ilombe (Kinshasa, CD)

11:45 - 12:00  Micro-encapsulated pirimiphos-methyl shows high insecticidal efficacy against pyrethroid-resistant malaria vectors
Emile Tchicaya (Abidjan, CI)
**Scientific Programme**

**Society Sessions, Kairo 2**

**10:30 - 12:00 SS10**

**Network Medicus Mundi Switzerland (MMS): Swiss Health NGO’s for implementation research**

There is a strong call within the international health cooperation to transform evidence-based research into policy and action. Implementation research is often driven by the scientific community. In this side event, the organisers want to turn this argument upside down: NGOs want to strengthen applied research in their projects and programmes. They argue that embedding implementation research in their programmes will create applied knowledge and evidence for the scaling up successful NGO interventions.

To strengthen implementation research within NGO programmes, there is a need for building up research skills and capacities within the organisations and for training programmes for NGO staff both at Headquarter and field level. Moreover, it is a challenge for many NGOs to find the necessary financial means. Implementation research should be stronger supported by donors. The organisers would like to launch the idea of an exchange platform for implementation health research.

**Aims of the Side Event:**
- Participants get to know different approaches and best practices of implementation research embedded within NGO health programmes and discuss scenarios and possible instruments to strengthen implementation research in Switzerland
- The side event opens the debate on the Initiative
- PR for an Implementation Research Platform within the Network Medicus Mundi Switzerland

Chair: Martin Leschhorn Strebel (Basel, CH)

**10:30 - 10:35**

**Welcome address**
Martin Leschhorn Strebel (Basel, CH)

**10:35 - 10:55**

**The role of NGOs in implementation research**
John Reeder (Geneva, CH)

**10:55 - 11:10**

**The way forward for NGO driven implementation research in Switzerland**
Jochen Ehmer (Luzern, CH)

**11:10 - 11:20**

**Implementation research in Switzerland - a vision**
Nicole Moran (Konstanz, DE)

**11:20 - 11:55**

**Panel Debate**
John Reeder (Geneva, CH)
Ingrid Mason (Bern, CH)
Thomas Schwarz (Basel, CH)
Susanna Hausmann (Bern, CH)
Kaspar Wyss (Basel, CH)

**11:55 - 12:00**

**Summary and next steps**
Thomas Gass (Bern, CH)
Scientific Programme

10:30 - 12:00 3.2.8. Leprosy elimination
Disease systems, Samarkand
Convener and Chair: Bart Vander Plaetse (Basel, CH)
Convener and Chair: Peter Steinmann (Basel, CH)

10:30 - 10:55 Leprosy elimination, lessons from experience
William Cairns Smith (Aberdeen, GB)

10:55 - 11:10 Leprosy post-exposure prophylaxis (LPEP) project
Bart Vander Plaetse (Basel, CH)

11:10 - 11:25 Global elimination of leprosy by 2020: are we on track?
David J. Blok (Rotterdam, NL)

11:25 - 11:40 Cambodia retrospective contact tracing project: innovation in contact tracing to improve early diagnosis of leprosy
Arielle Cavaliero (Basel, CH)

11:40 - 11:55 Leprosy alert response network and surveillance system (LEARNS): Iloilo implementation
Malaya P. Santos (Manila, PH)

11:45 - 13:15 ITD-PL3 td-award ceremony and lunch

12:15 - 13:15 SAT8 The Global Schistosomiasis Alliance (GSA) – an overview of its activities
Industry-sponsored Symposium, Sydney
Chair: Lorenzo Savioli (Geneva, CH)

12:15 - 12:25 The need for a Global Schistosomiasis Alliance
Lorenzo Savioli (Geneva, CH)

12:25 - 12:35 The GSA – structure and strategy
Johannes Waltz (London, GB)

12:35 - 12:45 Enhancing and supporting implementation - the centerpiece of the GSA’s activities
Alan Fenwick (London, GB)

12:45 - 12:55 The R&D working group of the GSA – aims and objectives
Jutta Reinhard-Rupp (Coinsins, CH)

12:55 - 13:10 Discussion and Q&A session

13:10 - 13:15 Closing remarks
Johannes Waltz (London, GB)
Scientific Programme

Industry-sponsored Symposium, Singapore

12:15 - 13:15 SAT7 Integrating health edutainment and mobile technology to WASH out worms and diseases of the poor
Chair: Alain Labrique (Baltimore, US)

12:15 - 12:30 Introduction - the potential of mHealth to address existing health service constraints in resource-poor settings
Alain Labrique (Baltimore, US)

12:30 - 12:45 Road testing mobile phone-bases surveillance technology for rabies in Tanzania
Zac Mtema (Ifakara, TZ)

12:45 - 13:00 The "Magic Glasses" approach of using health animated cartoons as part of an integrated approach to fight diseases of the poor
Darren James Gray (Canberra, AU)

13:00 - 13:15 UBS Optimus WASH Away Mobile App Challenge - Finalist Presentation

Industry-sponsored Symposium, Boston 1

12:15 - 13:15 SAT6 Diagnostics: the missing link in the global health agenda
Chair: Catharina Boehme (Geneva, CH)

12:15 - 12:20 Welcome & introduction - Diagnosis: the missing link in the global health agenda
Catharina Boehme (Geneva, CH)

12:20 - 12:35 Test to treat: the necessary evolution in malaria diagnostics
Iveth González (Geneva, CH)

12:35 - 12:50 Ebola diagnostics: the key to rapid outbreak control
Arlene C. Chua (Geneva, CH)

12:50 - 13:05 Diagnostics as the pathway to eliminating human African trypanosomiasis
Joseph Ndungu (Geneva, CH)

13:05 - 13:15 The gap in the global health toolkit: diagnostics for fighting antimicrobial resistance

Poster, Hall 4.1

PS2 Poster Session II

HERACLES collaborative project on cystic echinococcosis funded by the European Commission
Adriano Casulli (Rome, IT)
Extended ultrasound surveys in Eastern Europe: preliminary results from HERACLES collaborative project on cystic echinococcosis
Adriano Casulli (Rome, IT)

Population pharmacokinetics of the novel anthelminthic tribendimidine in *Opisthorchis viverrini* infected patients in Lao PDR
Isabel Meister (Basel, CH)

Prevalence and risk factors for *Strongyloides stercoralis* infection in Bolivia among patients at high risk of complications
Laurent Gétaz (Geneva, CH)

How to measure responses to anthelmintic treatments? Centile distribution of individual vs. group mean egg reduction rates
Piero Olliaro (Geneva, CH)

*Strongyloides stercoralis* larvae excretion patterns before and after treatment
Fabian Schär (Basel, CH)

Occurrence of and risk factors for *Strongyloides stercoralis* infection globally and in South-East Asia
Fabian Schär (Basel, CH)

Clinical and epidemiological characteristics of adult and pediatric patients with neurocysticercosis observed in five European centers
Lorenzo Zammarchi (Florence, IT)

Prevalence of six neglected tropical diseases among immigrants in five Italian reference centres: a cross-sectional study
Lorenzo Zammarchi (Florence, IT)

Antagonistic effects on anaemia and splenomegaly in *Plasmodium*-helminth co-infected children in Côte d'Ivoire
Eveline Hürlimann (Basel, CH)

Transmission of *Echinococcus multilocularis* to humans in Basel is possible
Benjamin Frauchiger (Basel, CH)

Can increasing ivermectin coverage decrease the incidence of Nodding Syndrome and other forms of epilepsy in onchocerciasis endemic regions?
Robert Colebunders (Antwerp, BE)

Analysis of risk factors for soil-transmitted helminth infections and impact on child development in Timor-Leste
Darren James Gray (Canberra, AU)

Kitchen waste as pig feed sustains transmission of *Taenia solium* cysticercosis in Mbeya, Tanzania
Uffe C. Braae (Frederiksberg, DK)

A high prevalence of *Strongyloides stercoralis* found in a rural area of Amhara region, North-Western Ethiopia, by using a combination of three different diagnosis techniques
Aranzazu Amor (Madrid, ES)
From Italian to European register of cystic echinococcosis: implementation and evaluation after 2.5 years
Francesca Tamarozzi (Pavia, IT)

Application of LC-MS/MS in identifying potential biomarker of *Opisthorchis viverrini* related cholangiocarcinoma from plasma
Veerachai Thitapakorn (Pathumthani, TH)

Subtle to severe hepatobiliary morbidity in *Opisthorchis viverrini* endemic district in Lao PDR
Phonepasong Ayé Soukhathammavong (Vientiane Capital, LA)

Highest prevalence of *Strongyloides stercoralis* in Cambodia
Virak Khieu (Phnom Penh, KH)

Risks of helminth transmission from urban wastewater reuse systems in Kampala, Uganda and Hanoi, Vietnam
Samuel Fuhrimann (Basel, CH)

Detachment of *Ascaris* eggs from solid surfaces
Mita Eva Sengupta (Frederiksberg C, DK)

Treatment of human and animal helminth infections at Lake Chad: awareness, access, common practice and content of active ingredient in drugs
Helena Greter (Basel, CH)

Effectiveness of a community-directed intervention against liver fluke and soil-transmitted helminths in Southern Lao PDR
Khampheng Phongluxa (Vientiane, LA)

Understanding raw fish food consumption in Southern Lao PDR where liver fluke infection is highly endemic
Khampheng Phongluxa (Vientiane, LA)

Novel DNA marker for population genetic study of lung fluke, *Paragonimus* spp. in Japan
Weerachai Saijuntha (Mahasarakham, TH)

Molecular diagnosis of Taeniasis/Cysticercosis complex by real time PCR based on HDP2 and Ptsol9 repetitive sequences
Maria Delmans Flores-Chavez (Majadahonda, ES)

The impact of bi-annual ivermectin mass drug administration on the level of endemicity and intensity of *Onchocerca volvulus* infection in Adansi South District of Ghana
Daniel Antwi-Berko (Kumasi, GH)

The study of praziquantel effects in vivo and in vitro on European liver fluke *Opisthorchis felineus*
Viatcheslav A. Mordvinov (Novosibirsk, RU)

*Xenobiotic metabolizing system of the carcinogenic liver fluke, *Opisthorchis felineus**
Viatcheslav A. Mordvinov (Novosibirsk, RU)

*Strongyloides stercoralis* is highly prevalent on Mekong Islands in Southern Lao PDR
Youthanavanh Vonghachack (Basel, CH)
Scientific Programme

**Identification of surface and secreted proteins from the Chinese liver fluke Clonorchis sinensis by signal sequence trap**
Tae Yun Kim (Seoul, KR)

**The identification of antigenic peptides through immuno-bioinformatics approaches in Clonorchis sinensis**
Jung-Won Ju (Osong, KR)

**Complex morbidity patterns in different parts of Lao People’s Democratic Republic where Opisthorchis viverrini, Schistosoma mekongi and other helminths co-exist**
Somphou Sayasone (Vientiane, LA)

**Extensive geographical variation in the prevalence of intestinal parasites in southern highland Rwanda**
Frank P. Mockenhaupt (Berlin, DE)

**Haematological profiles, iron deficiency and erythrocyte polymorphisms among African migrants in Germany**
Frank P. Mockenhaupt (Berlin, DE)

**Lymphatic filariasis baseline survey prior to mass drug administration in Ogun state, Nigeria**
Patricia Nkem Okorie (Ibadan, NG)

**Onchocerciasis (river blindness) in Africa: alternative strategies, treatment needs and costs**
Young Eun Kim (Basel, CH)

**Prevalence and risk factors of helminths and intestinal protozoa infection among children from public schools in Nepal**
Akina Shrestha (Basel, CH)

**Challenges in the diagnosis of lymphatic filariasis in Conakry, Republic of Guinea**
Bernard Loukou Kouassi (Basel, CH)

**Critical appraisal of global burden of disease studies: experiences and findings from working on estimates for foodborne trematodiases**
Thomas Fürst (London, GB)

**Serum leptin concentration is associated with intestinal parasitic infection and co-infection in children of rural Mexico**
Gerardo Antonio Zavala (Amsterdam, NL)

**Mini-FLOTAC and Fill-FLOTAC: results and insights from the field**
Laura Rinaldi (Naples, IT)

**Concomitant infections with Plasmodium falciparum and soil-transmitted helminths in Ogele Community of Kwara State, Nigeria**
Uade Samuel Ugbomoiko (Ilorin, NG)

**Onchocerciasis: history of control strategies and recent epidemiology in Africa**
Alamissa Soulama (Bobo-Dioulasso, BF)

**The prevalence of Cryptosporidium and Giardia infections among adults in Usoma village western Kenya, an area endemic for schistosomiasis, soil transmitted helminths and malaria**
Elizabeth Akinyi Ochola (Kisumu, KE)
Scientific Programme

**Association of gastrointestinal nematode infections on antimalarial total IgG in malaria asymptomatic schoolchildren in Mfou**
Clovis Hugues Seumen Tiogang (Yaounde, CM)

**Geohelminth co-infections associated with outcome of benzimidazole treatment for individual species**
Mark Booth (Thornaby, GB)

**Distribution and risk factors for Plasmodium and helminth co-infections: a cross sectional survey among children in Bagamoyo district, coastal region of Tanzania**
Blaise Genton (Lausanne, CH)

**Assessment the prevalence of intestinal parasites and associated risk factors among preschool children in Riyadh, Saudi Arabia**
Wafa Almegrin (Riyadh, SA)

**Genetic characterization of Fasciola isolates from West Azerbaijan Province, Iran based on ITS1 and ITS2 sequence of ribosomal DNA**
Kosrow Hazrati Tappeh (Urmia, IR)

**Prevalence and factors associated with soil-transmitted helminthiasis in infants in Gulu, Northern Uganda**
Fred Oola (Kampala, UG)

**Functional assessment of circulating lymphatic progenitor cells and peripheral blood mononuclear cells from filarial induced secondary lymphedema subjects for therapeutic interventions**
Abel Arul Nathan (Madurai, IN)

**Onchocerciasis DNA vaccine development: multifunctional “moonlighting” proteins of Onchocerca volvulus as candidate vaccine antigens?**
Vera Steisslinger (Hamburg, DE)

**Urban farming and risk of intestinal helminth infection for vegetable producers in Ouagadougou, Burkina Faso**
Noellie Winkom Kpoda (Ouagadougou, BF)

**Cytokine profile in helminth and malaria infections in afebrile and febrile children in Ibadan, Southwest Nigeria**
Ayokulehin M. Kosoko (Ibadan, NG)

**Genetic variation of Indoplanorbis exustus (Gastropoda: Plaorbidae), intermediate host of foodborne trematodes in Southeast Asia**
Chairat Tantrawatpan (Prathumthani, TH)

**Looking inside the chemical biology of the three GSK anti-kinetoplastid boxes and beyond**
Juan Cantizani (TresCantos, ES)

**Nifurtimox eflornithine combination therapy phase IIIb field trial (NECT Field): final effectiveness and safety results**
Olaf Valverde Mordt (Geneva, CH)

**Direct comparison of the card agglutination test for trypanosomiasis (CATT) and a rapid diagnostic test in a highly endemic district**
Alain Mpanya (Kinshasa, CD)
Scientific Programme

Development and comparison of different diagnostic assays to analyze Chagas (Trypanosoma cruzi) disease
Andreas Latz (Dietzenbach, DE)

Development and evaluation of a serological Chikungunya antibody detection assay in tropical outbreak settings
Andreas Latz (Dietzenbach, DE)

Development of a novel malaria antibody assay utilizing antigens from all 5 human pathogenic Plasmodium species
Andreas Latz (Dietzenbach, DE)

Optimisation of PCR sampling techniques for assessment of parasitological response in patients with chronic Chagas disease
Isabela Ribeiro (Geneva, CH)

Pharmacokinetic drug-drug interaction study of benznidazole and E1224 in healthy male volunteers
Isabela Ribeiro (Geneva, CH)

Population pharmacokinetics of E1224, a prodrug of ravuconazole for the treatment of Chagas disease
Isabela Ribeiro (Geneva, CH)

Efficacy of oral administration of E1224 in combination with benznidazole on experimental Trypanosoma cruzi infection
Isabela Ribeiro (Geneva, CH)

Comparison of the performance of the SD BIOLINE HAT rapid test and CATT in various diagnostic algorithms for gambiense human African trypanosomiasis
Crispin Lumbala (Kinshasa, CD)

Evaluation of cytokine profile in benznidazole related cutaneous reaction, and potential association with specific HLA alleles and drug concentration in serum
Israel Molina (Barcelona, ES)

Helminth-mediated immunomodulation in the Trypanosoma cruzi parasitaemia of Chagas disease patients
Israel Molina (Barcelona, ES)

External quality control program for real-time PCR testing in a multi-centre, randomised controlled clinical trial in Chagas disease
Juan C. Ramirez (Buenos Aires, AR)

Trypanocidal and immunomodulatory activity of entomopathogenic bacteria
Ana M. Antonello (Porto Alegre, BR)

Neglected route of transmission of a neglected tropical disease: mother-to-child transmission of chagas disease in El Salvador
Hirotsugu Aiga (Tokyo, JP)

Risk factors for transmission of Chagas disease among pregnant women in El Salvador
Hirotsugu Aiga (Tokyo, JP)
Scientific Programme

**Nifurtimox tolerance in Chagas patients with previous adverse effects to benznidazol**
Cristina Bocanegra (Barcelona, ES)

**Imported cases of Chikungunya in Barcelona as a reflection of the current American outbreak**
Cristina Bocanegra (Barcelona, ES)

"Mother's committed to Chagas' disease: taking action here and there"®, a community health workers' training program performed in Spain
Miriam Navarro (Madrid, ES)

**Overcoming underdiagnosis of Chagas disease in non-endemic settings through in situ screening campaigns**
Miriam Navarro (Madrid, ES)

**Treating Chagas disease in Spain: the example of a “non-neglected” tropical disease in a non-endemic country**
Miriam Navarro (Madrid, ES)

**Prevalence and determinants of Trypanosoma cruzi infection among citizens of Bolivian descent living in Munich, Germany**
Stefan Hohenerlein (Munich, DE)

**Trypanosoma cruzi PCR: a useful tool for the control of therapeutic failure?**
Elena Sulleiro (Barcelona, ES)

**An in vitro assay to assess antichagasic candidates for sterile cure**
Marcel Kaiser (Basel, CH)

**Bringing the 'A-game' to the 'E-game': modelling the impact of current and emerging drug treatments for the 'end-game' of HAT Trypanosoma brucei (T.b.) gambiense elimination**
C. Simone Sutherland (Basel, CH)

**Modelling health systems implications of current and emerging technologies for HAT Trypanosoma brucei (T.b.) gambiense**
C. Simone Sutherland (Basel, CH)

**Trypanosoma cruzi discrete typing units alters differently the signaling through Slamf1 receptor**
Cristina Poveda Cuevas (Madrid, ES)

**Integration of diagnosis and treatment of sleeping sickness in primary healthcare facilities in the Democratic Republic of the Congo**
Patrick Mitashi (Kinshasa, CD)

**Safety and efficacy of fexinidazole against rhodesiense human African trypanosomiasis: approach to conducting a clinical trial for a very rare, neglected disease**
Alta Signorell (Basel, CH)

**Acute Chagas disease in the Brazilian Amazon: vulnerable populations in Pará state**
Soraya Oliveira dos Santos ( Brasilia, BR)

**Epidemiological features of acute Chagas disease in the Brazilian Amazon**
Elenild De Goes Costa (São Paulo, BR)
Chagas disease surveillance is possible in the Brazilian Amazon: the Pará state experience  
Elenild De Goes Costa (São Paulo, BR)

Stage-specific reporter gene expression in Trypanosoma cruzi  
Anna F. Fesser (Basel, CH)

Alternative strategies for case finding in human African trypanosomiasis in the Democratic Republic of the Congo  
Epco Hasker (Antwerp, BE)

Review of activities leading to the implementation of the PATTEC initiative  
Hassane H. Mahamat (Addis Ababa, ET)

Chagas disease in the Brazilian Amazon: serological and parasitological survey in risk areas  
Soraya Oliveira Santos (Brasilia, BR)

Health systems' building blocks: the technical, political, legal and ethical - a new framework  
Joao G. Q. Costa (Basel, CH)

The risk of infectious diseases introduction into non-infected countries by travelers visiting endemic countries  
Eduardo Massad (Sao Paulo, BR)

Important increase in maternal health care coverage by abolishing user fees for deliveries in Roma referral hospital, Lesotho  
Mit Philips (Brussels, BE)

Rural households' access, usage and financing of essential medicines after implementation of the free healthcare policy: findings of two mid-hill villages in Nepal  
K.C. Bhuvan (Dunedin, NZ)

Comparison of learning environments of residents in new and existing family medicine specialty training programs in Tajikistan  
Frederik van Twillert (Basel, CH)

Livestock wealth and social capital as insurance against climate risk: a case study of Samburu County in Kenya  
Stanley Karanja Ng’ang’a (Nairobi, KE)

Adherence to paediatric antimalarials and antibiotics purchased at private sector drug shops in Eastern Uganda  
Phyllis Awor (Kampala, UG)

Barriers to antiretroviral therapy (ART) initiation for treatment-eligible HIV-positive pregnant women in Swaziland  
Leila Katirayi (Bergen, NO)

Access to health facility and treatment outcome for tuberculosis in natives, regular and irregular migrants in a clinic of northern Italy  
Francesco Castelli (Brescia, IT)

Imported malaria: epidemiological and clinical features of 394 cases observed in the last six years in Brescia, northern Italy  
Francesco Castelli (Brescia, IT)
Volunteering for better health: the impact of volunteers in development cooperation programmes
Monika Christofori-Khadka (Bern, CH)

Trends in malaria case management following changes in the treatment policy to artemisinin combination therapy at the Mbakong Health Centre 2006-2012, Cameroon: a retrospective study
Ndong Ignatius Cheng (Bamenda, CM)

Comparing the effect of educational outreach on infectious diseases management by mid-level health providers with and without prior core course: a cluster randomized trial in Uganda
Martin Mbonye (Kampala, UG)

Disease diagnosis in primary care in Uganda
Martin Mbonye (Kampala, UG)

Assessment of the role of patent medicine vendors (PMVs) in malaria case management for sustainable malaria control in Nigeria
Sanusi Abubakar (Kano, NG)

Knowledge and attitude of prostate cancer prevention amongst university teachers in Northern Nigeria
Sanusi Abubakar (Kano, NG)

The health system and access to artemisinin-based combination therapies: a population-based study in the Kasena-Nankana District of Northern Ghana
Daniel K. Azongo (Navrongo, GH)

Community level understanding of the concept of pre-referral treatment and impact on referral related decision-making following provision of rectal artesunate. A qualitative study in Western Uganda
Anthony Nuwa (Kampala, UG)

Access to health services. Challenges and lessons learned from the Swiss Red Cross review
Kate Molesworth (Basel, CH)

Challenges to wider acceptability of herbal medicine
Tannaz J. Birdi (Mumbai, IN)

Demand side interventions to increase maternal health service utilization and practice of birth spacing on Idjwi Island, South Kivu, Democratic Republic of Congo: who is participating?
Mari Catherine Dumbaugh (Basel, CH)

Dog ownership and rabies control among the Mnisi community, Mpumalanga, South Africa: social and cultural determinants at the wildlife interface
Séverine Thys (Antwerp, BE)

Qualitative study on factors influencing population participation in a community program against malnutrition in the area of Segue in Mali
Robert Williams (St Bruno, CA)

The effect of gender on mortality of patients on antiretroviral therapy in rural Mozambique
Michael Hobbins (Lucerne, CH)
Scientific Programme

Cultural epidemiology and community determinants of vaccine acceptance  
Neisha Sundaram (Basel, CH)

Evaluation of a community based tuberculosis detection program depending on ethinical particularities  
Jordi Gómez i Prat (Barcelona, ES)

Can in situ community screening interventions improve access to Chagas disease diagnosis?  
Jordi Gómez i Prat (Barcelona, ES)

Process to develop and validate behavior change communication messages for community acquired pneumonia in children under-five years of age in rural North India: a qualitative study  
Monika Agarwal (Lucknow, IN)

Defining ‘adoption’ of clean cooking technology: a theoretical model of adoption  
Stella Hartinger (Basel, CH)

Knowledge and practices on lepidopterism by Hylesia metabus (Cramer, 1775) (Lepidoptera: Saturniidae) in Yaguaraparo parish, Sucre State, Northeastern Venezuela  
Mayira Sojo-Milano (Maracay, Aragua, VE)

Stigma towards people living with sickle cell disease in Mokola Community, Ibadan North Local Government Area, Oyo State, Nigeria  
Adeola Abiodun Olawuyi (Ibadan, NG)

Paediatric health seeking and costing in Abidjan, Côte d’Ivoire  
Fabienne N. Jaeger (Basel, CH)

Effect of socio-economic factors on malaria in pregnant women in south west of Nigeria  
Godwin Ikwuyatum (Ibadan, NG)

Gender inequality in HIV prevalence by area of residence in Sub-Saharan Africa  
Hanne Keyser Hegdahl (Bergen, NO)

Rural Indian caregivers recognition of pneumonia and health care seeking behavior: reasons why unqualified health care providers are often their first treatment preference  
Shally Awasthi (Lucknow, IN)

Malaria treatment-seeking behaviour and correlates among pregnant women in Ondo West Local Government Area, Nigeria  
Oluwatosin S. Olafusi (Ibadan, NG)

Ebolang: an epidemic facing the challenge of multilingualism. The case of Western Ivory Coast  
Thomas Bearth (Spreitenbach, CH)

Why gendered health promotion for non-communicable disease prevention matters: older Zanzibari women and their reluctance to follow the doctor’s advice  
Sandra Staudacher (Basel, CH)

Health-related quality of life and its association to medication adherence in pulmonary tuberculosis in South Africa - a systematic review of qualitative and quantitative literature  
Tanja Kastien-Hilka (Basel, CH)
Scientific Programme

The perceptions and perspectives of patients and health care providers on chronic diseases management in rural South Africa: a qualitative study
Eric Maimela (Polokwane, ZA)

Evidence based interventions for improving management of chronic non-communicable diseases in Dikgale in Limpopo Province, South Africa
Eric Maimela (Polokwane, ZA)

Patients' perceived importance and performance of TB-HIV services in five hospitals in Indonesia
Yodi Mahendradhata (Yogyakarta, ID)

Evaluating the rate of drug-therapy adherence among type 2 diabetes mellitus out-patients in a tertiary care hospital in North-West Nigeria
Shafiu Mohammed (Zaria, NG)

Attitude and knowledge of primary health care physicians and local inhabitants about leishmaniasis in west Alexandria
Randa M. Ali (Alexandria, EG)

Trends in provider behavior captured through routine monitoring of case management of fever among accredited providers in Uganda
Robert Mugerwa (Kampala, UG)

Sustaining the future of HIV/TB counseling: time to formalize the role of lay counselors
Marielle Bemelmans (Brussels, BE)

The role of the family in smoking behaviour among children in Jakarta, Indonesia
Wahyu Septiono (Copenhagen, DK)

Prevalence and social-structural determinants of extramarital affairs in South-Eastern Tanzania
Sally Mtenga (Basel, CH)

Hand washing with ash and mud, an accepted practice in Malawi: findings from a knowledge, attitudes and practice study
Thuanthi Nguyen (Paris, FR)

Knowledge, attitude and practice towards infection control measures amongst healthcare workers in a medical teaching hospital of Calicut district, Kerala, India
Asmin Sha (Thrissur, IN)

Knowledge, attitudes and practices about tuberculosis and choice of communication channels in Thailand
Supa Pengpid (Salaya, TH)

Knowledge, attitudes and practices regarding malaria among the residents of Nouakchott, Mauritania
Khadijetou Mint Lekweiry (Nouakchott, MR)

Assessment of knowledge and behaviour of cardiovascular risk factors among adults in communities of South Tajikistan
Parvina Mukhtarova (Dushanbe, TJ)
Scientific Programme

The attitudes and degree of awareness about MERS-CoV among Saudis of different ages
Muteb Nasser Aldawsari (Alkharj, SA)

Knowledge and attitude towards HIV vaccine trial concepts among youth of Mangalore City
Sabin Siddique Katpattil (Mangalore, IN)

Knowledge and attitude regarding hepatitis B virus infection and vaccine among hospital patients
Sabin Siddique Katpattil (Mangalore, IN)

Public health needs applied linguistics - communication optimisation at an international research project
Kristina Pelikan (Basel, CH)

Determinants of cessation of exclusive breastfeeding in Ankesha Guagusa Woreda, Awi Zone, Northwest Ethiopia: a cross-sectional study
Tebikew Yeneabat (Debre Markos, ET)

Factors associated with non-utilization of postnatal care in Ankesha Guagusa Woreda, Awi Zone, Northwest Ethiopia: a cross-sectional study
Tebikew Yeneabat (Debre Markos, ET)

Study on the knowledge, attitudes and practices of malaria and malaria treatment in the small-scale gold mining sector in Suriname, South America
Celine E. Duijves (Paramaribo, SR)

Determinants of knowledge, attitude and practice on malaria among residents in Pawe District, North West Ethiopia: a cross-sectional study
Habtamu B. Beyene (Addis Ababa, ET)

Effectiveness of Anapanasati meditation on health status of climacteric women
Sophaphan Intahphuak (Muang Chiang Rai, TH)

Using the behavioral economic model (BEM) to create practical field applications to improve ICS adoption
Amy R. Powell (Lima, PE)

Impact of South-to-South technical assistance from Rwanda & Zambia in couples voluntary HIV counseling and testing (CVCT) achievements in 21 countries
Nurilign Ahmed (Kigali, RW)

Chances and challenges of civil-military joint ventures: experiences from the German Ebola Task Force in Liberia
Claudia E. Frey (Hamburg, DE)

Vaccinations in acute humanitarian emergencies: Minkamman, Lakes State, South Sudan
Iza Ciglenecki (Geneva, CH)

Impact of HIV on maternal morbidity, birth outcomes and infant health in Southern Mozambique
Raquel Gonzalez (Barcelona, ES)

Effectiveness and safety of cotrimoxazole and sulfadoxine-pyrimethamine in preventing malaria infection during pregnancy in HIV negative pregnant women in Zambia
Mbindo Njunju (Ndola, ZM)
The role of men in promoting maternal and newborn health in Burkina Faso  
Aminata Bargo Maiga (Ouagadougou, BF)

Malaria and gravidity interact to modify maternal haemoglobin concentrations during pregnancy  
Smaïla Ouédraogo (Ouagadougou, BF)

Determinants of low maternal and newborn health service utilisation in Haiti  
Cecilia Capello (Geneva, CH)

Development of a perinatal care guideline during an outbreak of chikungunya and evaluation of neonatal outcomes  
Bert Jacob Daniel van Enter (Willemstad, CW)

Can the WAMI index at 6 months predict Bayley Scales of infant development score at 15 months?  
Ingeborg G. Ribe (Bergen, NO)

CD20, CD3, placental malaria infections and low birth weight in an area of unstable malaria transmission in Central Sudan  
Elhassan Mohamed Elhassan (Wad Medani, SD)

What do women say about the quality of maternal and newborn care services in rural Malawi?  
Christabel Yollanda Kambala (Heidelberg, DE)

Providers’ preference among different statistical models for assessing pro-poor service delivery status of health facilities for maternal and neonatal health (MNH) care in Bangladesh  
Shamima Akhter (Dhaka, BD)

Developing a brief tool for assessing pro-poorness of service delivery from public health facilities for maternal and neonatal health (MNH) care in Bangladesh  
Shamima Akhter (Dhaka, BD)

For what do district health managers in Ghana use their working time? A time use survey in three districts  
Marc Bonenberger (Basel, CH)

Factors influencing the work efficiency of district health managers in low-resource settings: a qualitative study in Ghana  
Marc Bonenberger (Basel, CH)

Social inequalities in cervical cancer risk - Mozambique  
Berit Rostad (Trondheim, NO)

When is procurement expected to harm clinical practice - a qualitative study  
Myriam Lingg (Basel, CH)

Health system actors’ participation in primary health care in Nepal  
Jiban Kumar Karki (Sheffield, GB)

Prioritizing neglected tropical diseases to achieve universal health care in the Philippines: lessons from four villages in Leyte province  
Harvy Joy C. Liwanag (Pasig, PH)
Scientific Programme

Social inequality and occurrence of Dengue
Maria Conceiçâo N. Costa (Salvador, BR)

Racial disparities in child health: a longitudinal analysis of mothers employing the multiple disadvantage model
Tyrone Chiwai Cheng (Tuscaloosa, US)

Understanding the motivation and performance of community health volunteers involved in the delivery of health programmes: a realist inquiry
Gaelle Vareilles (Geneva, CH)

Prison food provisions, family support and vulnerability to health risks in Zambia
Stephanie M. Topp (Lusaka, ZM)

Quality analysis of the health information system data in the Democratic Republic of Congo
Christophe Rapp (Saint-Mande Cedex, FR)

Seroprevalence of transfusion-transmitted infections in recipients in Chad
Christophe Rapp (Saint-Mande Cedex, FR)

The role of community-based health care centre on the health outcomes of the elderly: evidence from the Indonesian family life survey
Evita Hanie Pangaribowo (Jogjakarta, ID)

Addressing vulnerable populations' needs by redesigning community nursing services: findings from a research and development project in Republika Srpska
Alexander Bischoff (Genève, CH)

The reality of task shifting in medicines management - a case study from Tanzania
Karin Anne Wiedenmayer (Basel, CH)

Child health services in Burkina Faso: quality of care and equity in utilization
Jean-Louis Koulidiati (Heidelberg, DE)

Comparative research into how Turks living in Turkey and Germany perceive and use their health systems (Kocaeli and Dusseldorf examples)
Fikriye Toker (Edirne, TR)

Strategies to address physicians' geographic distribution imbalances in Portugal
Ana Paula Cavalcante de Oliveira (Lisbon, PT)

Pragmatically and routinely costing malaria: reflections on practical experience in Ghana and Tanzania
Nadia Pillai (Basel, CH)

Costs of dengue hospitalization and public prevention and control activities in urban Sri Lanka
Yesim Tozan (New York, US)

The cost of intensive routine control and cost-effectiveness of insecticide treated curtain deployment in a setting with low Aedes aegypti infestation
Alberto Baly (Habana, CU)
Scientific Programme

Cost-effectiveness of a performance based financing strategy for reducing maternal and perinatal mortality in Malawi: a conceptual design
Jobiba Chinkhumba (Blantyre, MW)

Cost and cost-effectiveness of an MSF district hospital in Ahmad Shah Baba, Kabul, Afghanistan
Guillaume Jouquet (Perpignan, FR)

Cost analysis study of oral antihypertensive agents available in Nepali markets
Pradip Lamsal (Kathmandu, NP)

Prevalence of chronic infections and susceptibility to autochthonous infectious diseases in Latin American immigrants in Switzerland
Yves Jackson (Geneva, CH)

Imported infections screening prior to chemotherapy for oncohaematological malignancies and bone marrow transplant
Adrián Sánchez-Montalvá (Barcelona, ES)

Prevalence of Chagas disease among Latin-American migrants in European countries
Ana Requena-Méndez (Barcelona, ES)

Imported schistosomiasis in Italy: a single centre case series
Andrea Angheben (Negrar, IT)

Leptospirosis trends and climate induced outbreaks in the Netherlands: an emerging public health threat in Western Europe
Ente Rood (Amsterdam, NL)

Cardiovascular profile of immigrants in Spain in the 21st century
Jose M. Ramos (Kore, ET)

Emergence of human leishmaniasis in the Bologna Province, Northeast Italy, 2013-14
Stefania Varani (Bologna, IT)

Uro-genital schistosomiasis screening in Italian subjects exposed to freshwater of Cavu River, Corsica (France)
Federico Gobbi (Negrar, IT)

Imported strongyloidiasis: 187 cases of direct diagnosis
Begona Trevino (Barcelona, ES)

Hyper-reactive malarial splenomegaly (HMS) and early HMS. A single centre, retrospective-longitudinal study
Zeno Bisoffi (Negrar, IT)

Screening for Trypanosoma cruzi antibodies and Strongyloides stercoralis antibodies in migrants to Italy coming from endemic areas using four immunological assays
Davide Mileto (Milan, IT)

Clinical implications of Trypanosoma cruzi’s discrete typing units in a cohort of Latin American migrants
Angela Martinez Perez (Madrid, ES)
Scientific Programme

Active *Schistosoma haematobium* infection among West-African immigrants in the Paris region, France: a retrospective study (2004-2014)
François Deniaud (Paris, FR)

Seroprevalence of Chagas' disease in the Latin American community resident in Rome
Stefania Pane (Rome, IT)

Descriptive analysis of parasite infections among immigrant Bolivian people attending an International Health Unit in Spain
Mateu Espasa-Soley (Barcelona, ES)

The diseases that wash along with the wave of refugees challenge public health
Christina Kreuzberg (Hamburg, DE)

Barriers to attend cervical screening services in Democratic Republic of Congo
Sylvie Linsuke (Kinshasa, CD)

Persistence and transmission of intestinal parasites in immigrants in Southern Italy
Settimia Alfano (Naples, IT)

Imported malaria and dengue fever in travellers from endemic countries: experience at the INMI “L. Spallanzani” from 2009 to 2011
Angela Corpolongo (Rome, IT)

Cross-sectional survey of domestic violence among African undocumented migrants attending general practice in a non-governmental association
Cristina Sicorschi (Madrid, ES)

Imported strongyloidiasis: epidemiological, clinical and laboratory characteristics in a regional hospital setting in Granollers, Barcelona
Mònica Berrocal Guevara (Granollers, ES)

Malaria infection and potential risks of blood transfusion
Rosa Teodósio (Lisbon, PT)

Travel advice in a travel clinic in Lisbon, Portugal
Rosa Teodósio (Lisbon, PT)

Eosinophilia, a common finding in international health
Núria Serre Delcor (Barcelona, ES)

Development and evaluation of a clinical protocol for suspected Chikungunya cases aged below 6 months
Minke H.W. Huibers (Willemstad, CW)

Isolated lung echinococcosis mimicking post-TB pulmonary aspergilloma in a 26 year-old asylum seeker from Syria in Germany
Lorenzo Cirri (Schwerin, DE)

Laboratory-acquired Dengue virus infection by needle stick injury - South Korea 2014
Changhwan Lee (Cheongju, KR)

Medical travel kit: how is it used by aid workers?
Javier Arranz Izquierdo (Palma de Mallorca, ES)
Scientific Programme

Factors associated with dog rabies immunisation status in Bamako, Mali
Stephanie Mauti (Basel, CH)

Presentation of a novel tool for rapid rabies diagnostics in remote, low income settings
Monique Léchenne (Basel, CH)

Experiences with a voluntary surveillance system for early detection of diseases in Switzerland: participation of veterinary practitioners and the perceived usefulness of mobile reporting
Rahel Struchen (Bern, CH)

Development of a bead-based Luminex assay using lipopolysacharide specific monoclonal antibodies for the detection of bio threat Brucella species
Angelika Silbereisen (Basel, CH)

Hygiene and microbial contamination along the pork value chain in Vietnam
Dang Xuan Sinh (Hanoi, VN)

Risk pathways and prevalence in slaughtered pig blood of Streptococcus suis in Vietnam
Dang Xuan Sinh (Hanoi, VN)

Epidemiological study of zoonotic schistosomiasis among water buffaloes in different endemic areas in the Philippines
Jose Ma M. Angeles (Obihiro, JP)

A systemic approach to understand neglected diseases at the human-animal-ecology interface
Stefanie Jennifer Krauth (Basel, CH)

Health of Syrian refugees role of brucellosis in febrile diseases among the refugee population
Halah Kutaish (Basel, CH)

Multiscale dynamics of dog rabies elimination
Jakob Zinsstag (Basel, CH)

Evaluating milk handling processes in smallholder dairy farms in Rombo district, Tanzania
Emil M. Hyera (Kilimanjaro, TZ)

Assessing Ugandan pork butchers’ practices and their perception of customers’ preferences: a best-worst approach
Martin Heilmann (Berlin, DE)

Study of Toxoplasma gondii infection in free-range chickens, caged chickens and turkey by bioassay and serologic methods in Hamadan, West of Iran 2013
Mohammad Fallah (Hamadan, IR)

Seroprevalence of toxoplasmosis in blood donors of Hamadan Transfusion Center in 2013
Mohammad Fallah (Hamadan, IR)

Evaluation of Toxoplasma gondii soluble, whole and excretory/secretary antigens for detection of toxoplasmosis by ELISA test
Saeedeh Shojaee (Tehran, IR)
Applications and limitations of Centers for Disease Control and Prevention miniature light traps for measuring biting densities of African malaria vector populations: a pooled analysis of 13 comparisons with human landing catches
Olivier J. T. Briët (Basel, CH)

The impact of an odor-baited mosquito control device, mosquito landing box, in reducing outdoor malaria transmission
Arnold S. Mmbando (Ifakara, TZ)

Permethrin-treated clothing as protection against the dengue vector, Aedes aegypti: extent and duration of protection
James Orsborne (London, GB)

A cross-over study to evaluate the diversion of malaria vectors in a community with incomplete coverage of spatial repellents in the Kilombero Valley, Tanzania
Marta F. Maia (Basel, CH)

Impact, interactions and limitations of larviciding, window screening, bed nets and human behaviour for preventing malaria in an African city with readily available artemisinin-based combination therapy and rapid diagnostic tests
Gerry F. Killeen (Liverpool, GB)

Attracting and instantly killing outdoor-biting malaria vectors using odour-baited mosquito landing boxes (MLB) equipped with low-cost electrocuting grids
Nancy Matowo (Morogoro, TZ)

Biocontrol activity of the entomopathogenic fungus Aspergillus niger against Anopheles stephensi, vector of malaria
Seyed Jamal Hashemi Hezave (Tehran, IR)

Seasonal patterns of Anopheles gambiae susceptibility to Plasmodium falciparum infection, in the light of asexual forms occurrence in rural Burkina Faso
Awa Gnémé (Ouagadougou, BF)

Protective efficacy of a Transfluthrin-based spatial repellent in combination with long lasting insecticide treated nets insecticide
Bernadette P. Huho (Dar es Salaam, TZ)

Spatial correlations between household occupancy and malaria vector biting risk in rural Tanzania: implications for targeting of control interventions
Emmanuel Willson Kaindoa (Ifakara, Morogoro, TZ)

Preliminary study on the development of an anti-mosquito vaccine
Mattia Calzolari (Reggio Emilia, IT)

Biosynthesis of silver nanoparticles using the Argemone mexicana for the toxicity on Aedes aegypti mosquito and their antibacterial activity
Siva Kamalakannan (Coimbatore, IN)

Evaluation of insecticidal paints applied to ovitraps for control of Aedes albopictus in Nice, France
Said Chaouki Boubidi (Montpellier, FR)

Functional annotation of salivary gland proteins of Anopheles culicifacies refractory and sensitive sibling species
Ritu Rawal (New Delhi, IN)
**Scouts and ticks: which environmental conditions favor the contact**  
Annie Robert (Bruxelles, BE)

**Molecular eco-epidemiology of Triatoma brasiliensis, the most important Chagas disease vector in Brazil: detection of vector foci highly infected by Trypanosoma cruzi and associated with the reservoir Kerodon rupestris (Rodentia: Caviidae)**  
Carlos E. Almeida (Rio Tinto, PB, BR)

**Entomological indicators applied to Triatoma brasiliensis alert for the risk for the re-emergency of hyperendemic Chagas disease foci in semi-arid zones of Brazil**  
Carlos E. Almeida (Rio Tinto, PB, BR)

**Rhodnius pictipes: importance in Brazilian Amazon areas with acute Chagas disease transmission**  
Marcos Takashi Obara (Brasília, BR)

**Chikungunya virus infection in wild caught Aedes aegypti mosquitoes in Haiti**  
Maha A. Elbadry (Gainesville, US)

**A pilot exercise to assess population vulnerability to diseases transmitted by the tiger mosquito in Rome**  
Angelo G. Solimini (Rome, IT)

**The spatiotemporal trajectory of a dengue epidemic**  
Maria G. Teixeira (Salvador, BR)

**Behavioral response of house fly, Musca domestica L. (Diptera: Muscidae) to natural products**  
Kom Sukontason (Muang Chiang Mai, TH)

**Bullous skin deviations: a symptom of Chikungunya infection in infants**  
Vera J. van Keulen (Willemstad, CW)

**Mosquito borne West Nile virus infection as a major threat**  
Mamdouh Mohamed El-Bahnasawy (Cairo, EG)

**Chronic Chagas disease: application of a diagnostic algorithm in serodiscordant patients from two non-endemic countries**  
Zaira Moure (Barcelona, ES)

**Dissecting the origin of the 2014 dengue outbreak in Japan**  
Mikkel B. Quam (Umeå, SE)

**Madeira’s dengue outbreak in 2012: could it happen again in the near future?**  
Mikkel B. Quam (Umeå, SE)

**The potential impact of implementing blood safety measures during an outbreak on transfusion-transmitted CHIKV infection risk**  
Hatsadee Appassakij (Hat Yai, TH)

**Entomological survey of dengue vector breeding sites in Colombo, Sri Lanka**  
Carlos A. Montenegro (Heidelberg, DE)

**Surveillance and control of invasive mosquito species in Switzerland**  
Tobias Suter (Basel, CH)
A novel immunochromatographic test applied to a serological survey of Japanese encephalitis virus on pig farms in Korea
Young Eui Jeong (Cheongju-si, KR)

Molecular detection of Rickettsia africae in ticks from Cameroon
Andrea Vanegas (Hamburg, DE)

Exploring entomological factors associated with high dengue incidence in Thai schools
Pitcha Ratanawong (Nakhon Pathom, TH)

Chikungunya fever in Feira de Santana City, 2013-2014
Juarez Pereira Dias (Salvador, BR)

Clinical pathology and histopathology in hookworm-related cutaneous larva migrans in Manaus, Brazil
Angela M.R. Schuster (Berlin, DE)

Surveillance of Aedes aegypti breeding in different economic groups of Delhi
Kumar Vikram (New Delhi, IN)

Influence of age on the clinical outcome of dengue
Creuza Rachel Vicente (Munich, DE)

A new age in epidemiology - a thermodynamic paradigm for studying disease vector’s habitats and life cycles using NASA’s remote sensing data
Jeffrey C. Luvall (Huntsville, US)

Active surveillance system for Aedes aegypti larva at a university campus in Thailand
Pakwimon Subhaluksaksikorn (Nakhon Ratchasima, TH)

Morphology and development of flesh flies, Boettcherisca nathani and Lioproctia pattoni (Diptera: Sarcophagidae): application in forensic entomology
Kabkaew L. Sukontason (Muang Chiang Mai, TH)

Denguenaweb: a new strategy for dengue epidemiological surveillance in real time
Florisneide Rodrigues Barreto (Salvador, BR)

Analysis of spread patterns of dengue epidemic caused by the introduction of DENV 3 in Salvador Bahia
Florisneide Rodrigues Barreto (Salvador, BR)

With NMR towards new diagnostic methods for dengue
Jochen Junker (Rio de Janeiro, BR)

Triatomines (Hemiptera, Reduviidae) in urban residences of Sobral, Ceara State, 2010-2014: a continuing risk of Chagas disease in Northeastern Brazil
Marli M. Lima (Rio de Janeiro, BR)

Assessment of severity among adult dengue patients in Colombo district, Sri Lanka
Hasitha Tissera (Colombo, LK)

Prevalence of HIV, HBV and HCV positive serology in blood donors in a rural general hospital in Ethiopia
Pablo Barreiro (Madrid, ES)
Scientific Programme

Clinical manifestations and treatment outcomes of scrub typhus in Umphang Hospital, Thailand
Tobias Brummaier (Bangkok, TH)

Causes of fever without source in Ghana
Benedikt Hogan (Hamburg, DE)

Capacity of health facilities to manage hypertension in Mukono and Buikwe districts in Uganda: challenges and recommendations
Geoffrey Musinguzi (Kampala, UG)

Impact of changed fever case management practice on patients' self-reported treatment experience
Justin Pulford (Goroka, PG)

An analysis of hematological parameters as a diagnostic test for malaria in patients with acute febrile illness: a limited resources institutional experience
Zeeba Shamim Jairajpuri (New Delhi, IN)

Measuring outcome and impact of MPH education programs using 360 degree interviewing as an innovative tool
Lisanne Gerstel (Amsterdam, NL)

Successes and challenges of a systematic approach to strengthen PhD programmes in Africa
Imelda Bates (Liverpool, GB)

Assessing laboratory capacity to support the control of neglected tropical diseases
Imelda Bates (Liverpool, GB)

Teaching medical students in English in a non-English speaking country: evaluation of a global health elective for US residents in Turkey
Nathan S. Bertelsen (Istanbul, TR)

Systematic monitoring and evaluation of laboratory system capacity strengthening for neglected tropical diseases: experiences and recommendations from sub-Saharan Africa and South Asia
Imelda Bates (Liverpool, GB)

Developing a benchmarking tool to assess the capacity of four African universities to manage and generate research of international quality
Selina Wallis (Liverpool, GB)

The experience of mini-clinical evaluation exercise (mini-CEX) of nursing education for clinical preceptors
Su-Ya Huang (Tainan, TW)

Gap analysis of the Palestinian University Health Colleges curriculum: scientific research methodology SRM course
Mohammed Al-Khaldi (Basel, CH)

Global health education for future health professionals: an innovative interdisciplinary and integrated approach
Carol Valois (Sherbrooke, CA)
**Genetic characteristics of Plasmodium falciparum found in subjects randomized to discontinuation versus continuation of cotrimoxazole prophylaxis**

Dennis W. Juma (Kisumu, KE)

**Age-dependent carriage of alleles and haplotypes of Plasmodium falciparum sera5, eba-175, and csp malaria vaccine antigens in a region of intense malaria transmission in Uganda**

Constance Agwang (Kampala, UG)

**Population genetics of Plasmodium falciparum surviving artemisinin based combination therapy in children taking part in an efficacy clinical trial in Kisumu County, Western Kenya**

Lorna Chebon (Kisumu, KE)

**A common metalloproteinase-9 (MMP-9) polymorphism (1562 C>T) protects against placental malaria**

Prabhanjan P. Gai (Berlin, DE)

**TLR1 602 S allele - increased risk of malaria in Indian population**

Prabhanjan P. Gai (Berlin, DE)

**Molecular characterization of Plasmodium falciparum 6-cys protein P38**

Gourab Paul (New Delhi, IN)

**Proteomic informed by transcriptomic towards the selection of vaccine candidate against vector-borne diseases**

Ana Domingos (Lisboa, PT)

**High pressure liquid chromatography analysis of potential antiparasitic agent thymol from essential oil of Thymus vulgaris and Nigella sativa**

Bora Özkan (Kayseri, TR)

**New strategies for research and development**

Sreekanth Thota (Rio de Janeiro, BR)

**Integrated health solutions for the most vulnerable: the “Merck Serono Global Health” approach**

Thomas Spangenberg (Coinsins, CH)

**Promoting sustainable research partnerships: a case study of a UK-Africa capacity strengthening award scheme**

Laura Dean (Liverpool, GB)

**Phenotypic screening and multivariate data analysis to identify anti-malarial compounds**

Stacie S. Canan (San Diego, US)

**Patent landscape analysis of product development partnerships for neglected diseases**

Marcia Freitas Lenzi (Rio de Janeiro, BR)

**Antimalarial market complexity and diversity across 8 sub-Saharan African countries one decade after the introduction of artemisinin combination therapy**

Megan Littrell (Washington, US)

**Characterization and isolation of severe fever with thrombocytopenia syndrome viruses (SFTSV) from patients in Korea, 2014**

Sun-Whan Park (Cheongju-si, KR)
Scientific Programme

Micro-spatial analysis of Chikungunya incidences in association with rubber plantations during an outbreak in Eastern Thailand
Chitti Chansang (Nonthaburi, TH)

INDEPTH training and research centres of excellence (INTREC): building research capacity in social determinants of health in low- and middle-income countries
Raman Preet (Umeå, SE)

The Kombewa Health and Demographic Surveillance Systems (Kombewa HDSS): platform for research, disease surveillance and public health activities
PETER M. Sifuna (Kisumu, KE)

Analysis of verbal autopsy reports of malaria deaths in 2014 in Bangladesh
Shamsun Naher (Dhaka, BD)

Public-private partnerships to strengthen human resources for health through training and eLearning: a case study from Tanzania
Senga Kali Pemba (Morogoro, TZ)

Feasibility of using mobile phones for nutrition counseling through existing health workers in rural Bangladesh
Nazib Uz Zaman Khan (Dhaka, BD)

Constructing a conceptual framework to address accountability and equity considerations within eHealth initiatives in Bangladesh
Susmita Das (Dhaka, BD)

The effectiveness of interactive checklists within an individual case-based eRegistry for maternal and child health: a cluster randomized trial protocol
Mahima Venkateswaran (Oslo, NO)

Pneumonia assessment using mHealth IMCI tools for community health workers
Walter Karlen (Zurich, CH)

A software application for malaria surveillance data integration
Kate Zinszer (Boston, US)

Multiple ethical review in North-South collaborative research in an emergency context: the experience of the Ebola Tx trial
Raffaella Ravinetto (Antwerpen, BE)

The challenges of research informed consent in socio-economically vulnerable populations: a viewpoint from the Democratic Republic of Congo
Raffaella Ravinetto (Antwerpen, BE)

Clinical research data management: solutions for low-resource settings
Suzanne Gajewski (Basel, CH)

Safety evaluation of fixed-dose dihydroartemisinin-piperaquine combination in different ecological settings in Ghana
Abraham R. Oduro (Navrongo, GH)

The Dihydroartemisinin /Piperaquine (Eurartesim) Safety Registry
Maurizio Iannuccelli (Pomezia, IT)
Scientific Programme

Observational study comparing the use of commercial metronidazole against compounding metrodidazole prepared in the pharmacy service in a rural district hospital in Southern Ethiopia
Ignacio Olaso (Madrid, ES)

Health impact assessment: an erstwhile tool envisaging sustainable development with a pragmatic approach
- Anushrita (New Delhi, IN)

Evaluation of a community based programme for hypertension control in Ghana
Amos K. Laar (Accra, GH)

The Pregnancy Registry for Dihydroartemisinin/Piperaquine (Eurartesim)
Antonella Bacchieri (Pomezia, IT)

A case series of eleven uveitis in patients who recovered from Ebola in Guinea
Esther Hereth Hébert (Lille, FR)

Is gestational diabetes mellitus significantly adding to the burden of managing pregnancies in developing countries? - A descriptive study from an Indian tertiary care hospital
Jayakrishnan Thavody (Kozhikode, IN)

Combining a process-based and correlative approach to predict the impacts of climate change on schistosomiasis in eastern Africa
Anna-Sofie Stensgaard (Copenhagen, DK)

Outcomes of and lessons on helminth control in preschool-age children in a province in the Philippines
John Paul Caesar delos Trinos (Manila, PH)

Empiric clinical profiling for individual assessment of cardiovascular disease
Barbara C. Biedermann (Basel, CH)

Household sanitation and hygiene indicators of enteric pathogen transmission and childhood diarrheal exposure risk in Mirzapur, Bangladesh
Kurt Zane Long (Basel, CH)

Assessing health status of Khanigaun Village Development Commette (VDC) of Nuwakot District of Nepal
Narayan Sharma (Kathmandu, NP)

Parasitological characterisation of persistent digestive disorders in Mali: a case-control study
Sören L. Becker (Basel, CH)

Acute pulmonary manifestation of schistosomiasis after praziquantel treatment for a urinary and liver S. haematobium chronic infection
Maria Merelli (Udine, IT)

Impact of a health-education package on soil-transmitted helminth and Schistosoma mansoni infections amongst school children in western Côte d’Ivoire
Marta Palmeirim (Basel, CH)
Scientific Programme

Laboratory diagnosis and risk factors of gastrointestinal parasites among basic school children in greater Wad Madani locality, Gezira State, Sudan
Bakri Y. M. Nour (Wad Medani, SD)

Limitations of laboratory diagnosis of strongyloides stercoralis: an Australian perspective
Rogan Lee (Westmead, AU)

Diagnosis of visceral leishmaniasis using different serological methods in Bangladesh
Rogan Lee (Westmead, AU)

A comparison of leishmaniasis laboratorial diagnosis methods in diagnostic centers in south of Iran
Mohammadreza Foroutani (Larestan, IR)

Healthcare service utilization of Japanese retirees in Malaysia: results of in-depth interviews and focus group discussions
Ayako Kohno (Selangor, MY)

Public private partnerships in the health sector: opportunities, risks and issues of congruence with the sustainable development goals
Raymond Saner (Geneva, CH)

Monitoring, transparency and accountability framework within global partnerships in the global health sector: considerations for post 2015 SDGS implementation
Lichia Yiu (Geneva, CH)

13:15 - 14:45 PL10 Joint Plenary Session with the International Transdisciplinary Conference. Societal foundations of global health
Chair: Thomas Junghanss (Heidelberg, DE)

13:15 - 13:45 State of emergency: reporting from areas of conflict and war
Navid Kermani (Cologne, DE)

13:45 - 14:15 From camp to city: refugee camps of the Western Sahara
Manuel Herz (Basel, CH)

14:15 - 14:45 Talk across disciplines

13:30 - 14:30 PST5 From research to implementation
Chair: Hans-Peter Beck (Basel, CH)

13:30 - 13:35 Sensor system for saliva monitoring
Samantha Paoletti (Lanquart, CH)
# Scientific Programme

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| 13:35 - 13:40 | The ideal work plan versus the practical work plan in health facilities management: a glimpse into how the discrepancy between policy and practice may come about  
Janet Michel (Mtuba, ZA) |
| 13:40 - 13:45 | Taskforce of risk assessment for food safety in Vietnam: operational research to assist policy and capacity building  
Hung Nguyen-Viet (Hanoi, VN) |
| 13:45 - 13:50 | Revisiting essential requirements of good clinical practices and good clinical laboratory practices in emergency research settings: a set of field-rooted recommendations  
Raffaella Ravinetto (Antwerpen, BE) |
Lukuka Kilauzi Albert (Kinshasa, CD) |
| 13:55 - 14:00 | Power difference and risk perception: mapping vulnerability within the decision process of pregnant women towards clinical trial participation in an urban middle income setting  
Geerte C. den Hollander (Utrecht, NL) |
| 14:00 - 14:05 | Achieving efficiency in clinical data management through OpenClinica integration with a patient monitoring system  
Raymond Omollo (Nairobi, KE) |
| 14:05 - 14:10 | The use of mobile phone technology as a data collection instrument: experience from a household survey conducted in 9 counties in Kenya  
Mary Nyambura Thiongo (Mombasa, KE) |
| 14:10 - 14:15 | Inferring effectiveness from cluster randomized trials of vector control interventions against malaria  
Thomas Smith (Basel, CH) |
Scientific Programme

Thursday, 10 September 2015

ITD-Conference, Hotel Pullman Galerie 1

08:30 - 10:00  ITD-WS9  Designing coherent transdisciplinary research and having a close look at transdisciplinary practice

Chair: Jan C. Schmidt (Darmstadt, DE)

08:30 - 08:45  And what does reality look like? Findings on transdisciplinary collaborations gained from qualitative interviews with researchers and their non-academic partners
Antonietta Di Giulio (Basel, CH)

08:45 - 09:00  A sociocultural exploration of situated learning in transdisciplinary research
Merritt Polk (Gothenburg, SE)

09:00 - 09:15  Designing transdisciplinary research for preferred outcomes: the ‘outcome spaces framework’
Cynthia A. Mitchell (Ultimo, AU)

09:15 - 09:30  Guiding questions to help design sustainability research projects at the science-policy interface
Tobias Buser (Bern, CH)

ITD-Conference, Hotel Pullman Galerie 2

08:30 - 10:00  ITD-WS10  Health, sustainability and transdisciplinarity 2

Chair: Sarah Gehlert (St. Louis, US)

08:30 - 08:45  Interactive-knowledge-to action: how to promote cooperation among researchers, policymakers, professionals and end-users in a consortium to increase capabilities for active lifestyles in different health promotion settings
Annika Frahsa (Erlangen, DE)

08:45 - 09:00  Towards eHealth support for care of multimorbidity: the case of polypharmacy
Jesper Reiche (Copenhagen, DK)

09:00 - 09:15  Transdisciplinary dimensions of science and society interaction in biomedicine
Elena Grebenshchikova (Moscow, RU)

09:15 - 09:30  Ebolaing: the lasting challenge of an epidemic in multilingual Africa. The case of Western Ivory Coast
Thomas Bearth (Spreitenbach, CH)
Scientific Programme

08:30 - 10:00  ITD-WS11  Workshop: Interdisciplinarity in universities of applied sciences' master studies & RDI projects: case Finland

Interdisciplinarity in universities of applied sciences' master studies & RDI projects: case Finland
Ari P. Lindeman (Kotka, FI)

08:30 - 10:00  ITD-WS12  Workshop: Stakeholder engagement in sustainability assessment - transdisciplinary challenges in theory and practice - collectively testing the Sustainability Profile Matrix along practical examples

Stakeholder engagement in sustainability assessment - transdisciplinary challenges in theory and practice - collectively testing the Sustainability Profile Matrix along practical examples
Clemens Mader (Zurich, CH)

09:00 - 09:30  PL11  Disease systems

Chair: Marcel Tanner (Basel, CH)
09:00 - 09:15  The global malaria strategy 2016-2030: accelerating towards elimination
Pedro Alonso (Geneva, CH)
09:15 - 09:30  Action and Investment to defeat Malaria 2016-2030 (AIM) - for a malaria-free world
Fatoumata Nafo-Traore (Geneva, CH)

09:30 - 10:00  PL12  Health and social systems

Chair: Antoni Plasència (Barcelona, ES)
The Challenge of Universal Health Coverage: affordability, sustainability, quality and equity
David Evans (Basel, CH)

10:30 - 12:00  3.2.17.  Schistosomiasis

Convener and Chair: Jürg Utzinger (Basel, CH)
Scientific Programme

10:30 - 10:45  Rapid clearance of schistosomal circulating cathodic antigen (CCA) after treatment shown by urine strip tests - importance for monitoring treatment efficacy and re-infection
Anna O. Kildemoes (Frederiksberg, DK)

10:45 - 11:00  A five-year progress report from SCORE, the Schistosomiasis Consortium for Operational Research and Evaluation
Charles H. King (Cleveland, US)

11:00 - 11:15  Transmission dynamics of Opisthorchis viverrini, Schistosoma mekongi and other helminth infections in two communities of Khong Islands, Southern Lao PDR
Youthanavanh Vonghachack (Basel, CH)

11:15 - 11:30  Assessment of the safety and efficacy of oral Moxidectin, Synriam®, Synriam®-Praziquantel combination versus Praziquantel in schoolchildren infected with Schistosoma haematobium and Schistosoma mansoni
Beatrice Barda (Basel, CH)

11:30 - 11:45  Mapping freshwater snails in Angola: distribution, identity and molecular diversity of medically important taxa
Fiona Allan (London, GB)

11:45 - 12:00  Serum hyaluronic acid as a non-invasive tool to diagnose schistosomal periportal fibrosis in Schistosoma mansoni endemic areas of Ethiopia
Filimon Mitiku (Addis Ababa, ET)

Health and social systems, Singapore

10:30 - 12:00  4.1.2.  From global health diplomacy to global health actions: the Northern and Southern perspectives
Convener and Chair: Ilona Kickbusch (Geneva and Brienz, CH)
Convener and Chair: Fred Binka (Accra, GH)

10:30 - 10:45  The Global Fund’s new funding model in the context of international funding shortfalls: does it foster ambition in scale-up and quality of HIV programs?
Kerstin Akerfeldt (London, GB)

10:45 - 11:00  Spectrum of diseases occurring in refugees and asylum seekers treated in three clinical settings in Munich, Germany
Martin Alberer (Munich, DE)

11:00 - 11:15  The challenges for global governance for health and universal health coverage under sustainable development goals
Peter S. Hill (Brisbane, AU)

11:15 - 11:30  Is UHC’s position within the emerging post-2015 health and sustainable development goals consistent with its prioritisation by the UN General Assembly in December 2012?
Claire E. Brolan (Brisbane, AU)
Scientific Programme

Disease systems, Montreal

10:30 - 12:00 3.4.3. Management of protozoal and helminthic pathogens in travellers
Convener and Chair: Rogelio Lopez-Velez (Madrid, ES)

10:30 - 11:00 Parasitic infections in travelers and immigrants: an overview
Rogelio Lopez-Velez (Madrid, ES)

11:00 - 11:15 Asymptomatic carriage of extended-spectrum beta-lactamase-producing Enterobacteriaceae in travelers returning from Southern Asia: trends over time
Esther Kuenzli (Basel, CH)

11:15 - 11:30 Surveillance for enteropathogenic bacteria, protozoa and helminths in travellers returning from the tropics
Dorothea F. Wiemer (Hamburg, DE)

11:30 - 11:45 Validating parasitological tests - not an easy task
Gitte Nyvang Hartmeyer (Odense C, DK)

11:45 - 12:00 Nitroimidazole-resistant Giardia intestinalis in European travellers and migrants
Ana Requena-Méndez (Barcelona, ES)

From research to implementation, Delhi

10:30 - 12:00 5.6.5. Minimally Invasive Autopsy (MIA) tool for cause of death investigation in developing countries
Convener and Chair: Clara Menendez (Barcelona, ES)

10:30 - 10:45 Minimally invasive autopsies: rationale and proposed methodology from the CaDMIA study
Quique Bassat (Barcelona, ES)

10:45 - 11:00 Validation of a minimally invasive tool against the gold standard complete diagnostic autopsy: preliminary PATHOLOGY results from the CaDMIA study
Paola Castillo (Barcelona, ES)

11:00 - 11:15 Validation of a minimally invasive tool against the gold standard complete diagnostic autopsy: preliminary MICROBIOLOGY results from the CaDMIA study
Miguel J. Martínez (Barcelona, ES)

11:15 - 11:30 Conducting postmortem biosurveillance - CHAMPS study. By CHAMPS coordination team (TBD)

11:30 - 11:45 Feasibility and acceptability of procedures to determine cause of death: Preliminary results from the CaDMIA multicentre study
Khatia Munguambe (Vila de Manhiça, MZ)

11:45 - 12:00 Discussion: MIAs, the way forward
Clara Menendez (Barcelona, ES)
### Scientific Programme

#### Health and social systems, Boston 1

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<th>Event</th>
<th>Speakers</th>
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</table>
| 10:30 - 12:00 | **4.3.5. Innovative community-based Buruli ulcer management programs: outcomes, impact, and lessons for other disease programs**  
Convener and Chair: Ann-Marie Sevcsik (Basel, CH)  
Chair: Christian Johnson (Cotonou, BJ) |                                                                                           |
| 10:30 - 10:50 | **Buruli ulcer outreach education: an exemplar for community based tropical disease interventions**  
Mark Nichter (Tucson, US) |                                                                                           |
| 10:50 - 11:10 | **Developing a Buruli Ulcer community of practice in Bankim Cameroon as a model for BU outreach in Africa**  
Ferdinand Mou (Yaounde, CM) |                                                                                           |
| 11:10 - 11:30 | **Role of traditional healers in a community of practice (COP) for Buruli ulcer (BU) care in Cameroon, Africa**  
Paschal Kum Awah (Yaounde, CM) |                                                                                           |
| 11:30 - 11:50 | **Steps toward creating a BU therapeutic community: lessons from Allada Hospital Benin**  
Arnaud S. Amoussouhoui (Cotonou, BJ) |                                                                                           |
| 11:50 - 12:00 | **Discussion**                                                                 |                                                                                           |

#### Health and social systems, Boston 2

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<th>Time</th>
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<th>Speakers</th>
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| 10:30 - 12:00 | **4.1.3. Health insurance for rural population - innovations and challenges**  
Convener and Chair: Manfred Störmer (Basel, CH) |                                                                                           |
| 10:30 - 11:00 | **Health insurance in developing countries: what have we learnt? Where are promising avenues?**  
Jean-Olivier Schmidt (Eschborn, DE) |                                                                                           |
| 11:00 - 11:15 | **Financing healthcare through micro health insurance in Bangladesh**  
Shehrin Shaila Mahmood (Dhaka, BD) |                                                                                           |
| 11:15 - 11:30 | **Applying technology in informal sector health insurance schemes - the example of the Insurance Management Information System in Tanzania, Nepal and Cameroon**  
Siddharth Srivastava (Basel, CH) |                                                                                           |
| 11:30 - 11:45 | **Healthcare financing and outcomes in low and middle income countries: a model-based approach**  
Erlyn Rachelle K. Macarayan (Brisbane, AU) |                                                                                           |
| 11:45 - 12:00 | **Health care utilization among users of community-based health insurance after the implementation of subsidies to poorest households in Nouna, Burkina Faso**  
Henrike Lietz (Heidelberg, DE) |                                                                                           |
Scientific Programme

Disease systems, Shanghai 1
10:30 - 12:00 3.6.1. Gut microbiota and its interaction with nutrition and diseases
Convener and Chair: Claudio Lanata (Lima, PE)

10:30 - 11:00 Multiple interactions between the host, the microbiota and Salmonella determine disease dynamics in non-typhoidal Salmonellosis
Emma Slack (Zürich, CH)

11:00 - 11:15 Polyclonal intestinal colonization with ESBL-producing Enterobacteriaceae upon traveling to the Indian subcontinent
João Pires (Bern, CH)

11:15 - 11:30 Molecular risk assessment of Shiga toxin-producing E. coli O157: H7
Mohamed Elhadidy (Mansoura, EG)

11:30 - 11:45 Campylobacter surpassed Salmonella: an analysis of Swiss surveillance data, 1988-2013
Claudia Schmutz (Basel, CH)

11:45 - 12:00 Medical consultations due to acute gastroenteritis in Swiss primary care: results from the sentinel surveillance network “Sentinella”
Mirjam Mäusezahl-Feuz (Bern, CH)

Disease systems, Shanghai 2
10:30 - 12:00 3.1.13. Malaria control
Convener and Chair: Christian Lengeler (Basel, CH)

10:30 - 10:45 Seasonal malaria chemoprevention combined with micronutrient supplementation delivered through community preschools: findings from a cluster randomized trial in Mali
Sian E. Clarke (London, GB)

10:45 - 11:00 Malaria control in hyperendemic settings - lessons learned from a Médecins Sans Frontières malaria intervention in Guéckédou, the Republic of Guinea
Amanda Tiffany (Geneva, CH)

11:00 - 11:15 Dynamic changes in prevalence and incidence of malaria after intensifying control across Papua New Guinea
Manuel W. Hetzel (Basel, CH)

11:15 - 11:30 Impact of IRS on malaria burden when combined with LLIN in Ethiopia: modelling the 2015-2017 malaria national strategy
Emilie Pothin (Basel, CH)

11:30 - 11:45 Malaria epidemiological profile: use of evidence to improve efficiency, effectiveness, equity and economy of malaria control in Tanzania
Fabrizio Molteni (Dar es Salaam, TZ)
### Scientific Programme

#### Health and social systems, Kairo 1

**10:30 - 12:00  4.3.6. Health economics**

Convener and Chair: David Evans (Basel, CH)

- **10:30 - 10:45**
  - Acute gastroenteritis and campylobacteriosis in Switzerland: how expensive are our patients?
  - Daniel Mäusezahl (Basel, CH)

- **10:45 - 11:00**
  - The public health impact and cost-effectiveness of the RTS,S malaria vaccine candidate in malaria endemic Africa: estimates based on phase III clinical trial results
  - Melissa A. Penny (Basel, CH)

- **11:00 - 11:15**
  - Modelling the cost-effectiveness of diagnosis of *Schistosoma mansoni* infection: a comparison of Kato-Katz and urine-circulating cathodic antigen cassette test
  - Filip Meheus (Cape Town, ZA)

- **11:15 - 11:30**
  - C. Simone Sutherland (Basel, CH)

- **11:30 - 11:45**
  - Budget impact analysis of using dihydroartemisinin-piperaquine to treat uncomplicated malaria in children in Tanzania
  - Amani Thomas Mori (Dar es Salaam, TZ)

- **11:45 - 12:00**
  - Feasibility, costs and benefits of the Global Technical Strategy 2016-2030 for accelerating global progress towards malaria elimination
  - Edith Patouillard (Geneva, CH)

#### Society Sessions, Kairo 2

**10:30 - 12:00  SS11 Be-cause Health (Belgian Platform for International Health): integrated mental health care: finally a different perspective towards a more human health care?**

Dramatic events such as genocides or Ebola have an enormous impact on the Mental Health status of a population. These dramatic societal situations have witnessed the start of nation-wide mental health initiatives in several countries. But beyond these events, there is huge, continuous need for adequate Mental Health Care at all levels of the health system, adapted to the needs of people, at any moment, in any country. Suffering and premature death due to mental illness represent a huge public health problem. This implies that health services have to broaden their scope from a clinical, facility-based approach towards a more person and family centred approach including aspects of health promotion, preventive activities and societal action. This session will present the development of integrated Mental Health care in three settings. The focus on people-centred care in these experiences may serve as well to facilitate a change of practice in general health care.

Chair: Karel Gyselinck (Brussels, BE)
## Scientific Programme

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<tr>
<td></td>
<td>Karel Gyselinck (Brussels, BE)</td>
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<tr>
<td>10:35 - 10:45</td>
<td>Introductory note on mental health (Integrated mental health care: finally a different perspective towards a more human health care?)</td>
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<td>Paul Bossyns (Brussels, BE)</td>
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<td>10:45 - 11:00</td>
<td>The set-up of a national mental health program in Rwanda</td>
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<td>Yvonne Kayiteshonga (Kigali, RW)</td>
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<td>11:00 - 11:15</td>
<td>Fostering mental health services development in rural Cambodia: an NGO perspective</td>
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<td>Thann Khem (Phnom Penh, KH)</td>
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<td>11:15 - 11:30</td>
<td>Mental health and psychosical support in first line health services in Conakry, Guinea</td>
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<td>Abdoulaye Sow (Conakry, GN)</td>
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<td>11:30 - 12:00</td>
<td>Panel Debate</td>
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Disease systems, Samarkand

### 10:30 - 12:00  3.2.12. Mycetoma: addressing the unbearable treatment gap

Chair: Michael Everson (Woodcliff Lake, US)  
Chair: Nathalie Strub-Wourgaft (Geneva, CH)

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<td>10:30 - 10:35</td>
<td>Introduction</td>
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<td>10:35 - 10:55</td>
<td>Global overview of mycetoma and treatment gaps</td>
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<td>Eduard E. Zijlstra (Rotterdam, NL)</td>
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<tr>
<td>10:55 - 11:15</td>
<td>Clinical aspects, diagnosis, and treatment of mycetoma</td>
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<td>Ahmed Fahal (SD)</td>
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<td>11:15 - 11:35</td>
<td>New concepts in diagnosis for eumycetoma</td>
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<td>Wendy W.J. van de Sande (Rotterdam, NL)</td>
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<td>Nathalie Strub-Wourgaft (Geneva, CH)</td>
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<td>11:55 - 12:00</td>
<td>Discussion</td>
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ITD-Conference, Hotel Pullman Galerie 1

### 10:45 - 12:15  ITD-PL4  ESF Panel on online tools to support transdisciplinary research

Chair: Julie Thompson Klein (Detroit, US)

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<td>10:45 - 11:00</td>
<td>Online tools to support transdisciplinary research</td>
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<td>Gabriele Bammer (Canberra, AU)</td>
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Scientific Programme

11:00 - 11:15  Team science toolkit
               Kara Hall (Washington, US)

11:15 - 11:30  Short guides
               Catherine Lyall (Edinburgh, GB)

11:30 - 11:45  Interdisciplinarity
               Rick Szostak (Edmonton, CA)

11:45 - 12:00  td-net’s toolbox
               Christian Pohl (Bern, CH)

13:00 - 14:30  Plenary Session, Sydney
               Closing session

13:00 - 14:05  Roundtable – Challenges in Global health - the way forward
               Marcel Tanner (Basel, CH)

14:05 - 14:15  The outlook - a synthesis by the Chairman of the Scientific Committee
               Marcel Tanner (Basel, CH)

14:15 - 14:20  Presentation by the organizers ECTMIH 2017

14:20 - 14:30  Closing words by Congress Co-Chairs
               Christoph Hatz (Basel, CH)
               Christian Lengeler (Basel, CH)

               Official closing

13:30 - 15:00  ITD-Conference, Boston 1
               Evaluating transdisciplinary collaborations

13:30 - 13:45  Evaluating co-design of knowledge: about quality and success of transdisciplinary research
               Joerg Cortekar (Geesthacht, DE)

13:45 - 14:00  Evaluation of a multi-case participatory action research project: the case of SOLINSA
               Robert Home (Frick, CH)

14:00 - 14:15  Evaluating the benefit of transdisciplinary case study research
               Silvia Tobias (Birmensdorf, CH)

14:15 - 14:30  Finding the balance between the idiographic and nomothetic: what is the new knowledge produced by transdisciplinary art science research in a development context?
               Juanita Schlaepfer (Zürich, CH)
Scientific Programme

13:30 - 15:00  ITD-WS14  Inter- and transdisciplinary approaches to include the vulnerable, build resilience and catch criminals
Chair: Kara Hall (Washington, US)

Studying childhood and children’s rights: the challenge of inter- and transdisciplinarity
Zoe Moody (Sion, CH)

“Intergenerational action research for social resilience”
Alejandro Guevara Alvarez (Querétaro, MX)

Application of an inter- and trans-disciplinary style of thinking to forensic science
Aurèle Scoundrianos (Lausanne, CH)

13:30 - 15:00  ITD-WS15  Workshop: Designing transdisciplinary research for preferred outcomes. The outcome spaces framework as a starting point
Designing transdisciplinary research and projects for preferred outcomes the outcome spaces framework as a starting point
Cynthia A. Mitchell (Ultimo, AU)

13:30 - 15:00  ITD-WS16  Workshop: Complexity or control? Exploring the landscape of sustainability science
Complexity or control? Exploring the landscape of sustainability science
Ulli Vilsmaier (Lüneburg, DE)

15:30 - 17:15  ITD-PL5  Keynotes on new developments in theory, methods, and practice of transdisciplinary research and closing
Keynotes on new developments in theory, methods, and practice of transdisciplinary research
Stephen Fiore (Orlando, US)
Roderick Lawrence (Geneva, CH)

16:50 - 17:10  Closing the conference