



ISID NEWS

An Official Publication of the International Society for Infectious Diseases

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Volume 13, Number 2

September 2014

IMED 2014 - International Meeting on Emerging Diseases and Surveillance

SCIENTIFIC PROGRAM

FRIDAY OCTOBER 31, 2014

Plenary:

MERS-CoV Update Z. Memish (Saudi Arabia)

Symposium:

MERS-CoV and Ebola

- The Human Perspective of MERS-CoV and Ebola: (*speaker TBD*)
- Why Did the Camel Kiss the Bat?
K. Olival (USA)
- MERS-CoV: the Animal Human Interface:
M. Koopmans (Netherlands)



October 31 -

November 3

Vienna, Austria

<http://imed.isid.org>

Plenary:

Challenges and Controversies in the 2014 West African Ebola Virus Outbreak Response A. Duse (South Africa)

SATURDAY, NOVEMBER 1, 2014

Plenary:

The Global Emergence of Resistance R. Laxminarayan (India)

Symposia:

Rapid Diagnostics for Emerging Infectious Threats

- Rapid Diagnosis of MDR Gram-negatives G. Cornaglia (Italy)
- Rapid Diagnosis of Invasive Mycosis C. Lass-Floerl (Austria)
- Mobilization of Samples and or Biocontainment Laboratories for Diagnostic of Risk Group 4 agents in Outbreaks Response G. Ippolito (Italy)

Ethics and Disease Surveillance

- Disease Surveillance in the Era of Big Data E. Vayena (Switzerland)
- Ethical Disease Surveillance, the WHO Perspective A. Reis (Switzerland)
- Uses of Big Data for Public Health S. Wallace (United Kingdom)

West Nile Fever in the European Union: Challenges for Integrated Surveillance and Control

- Status of West Nile Fever Surveillance in Humans in the European Union L. Marrama (Sweden)
- Status of West Nile Fever Surveillance in Animals in the European Union A. Gervelmeyer (Italy)
- Integrated West Nile fever surveillance: experience of Italy P. Calistri (Italy)

Norman R. Stein
(Executive Director)

Britta Lassmann
(Program Director)

Amy Galblum
(Program Coordinator)

Larry Madoff
(Editor, ProMED-mail)

Pathogen and Host Diversity - Are There Clues that Can Help Us Prevent Emerging Infectious Diseases

- Does Host Breadth and Phylogeny Portend Viral Emergence *K. Olival (USA)*
- Viruses in a World of Bats (*Speaker TBD*)
- Virodiversity - How many Viruses are Out There *S. Anthony (USA)*
- Ebola, SARS, MERS Oh My, Can We Limit Outbreaks? *W. Karesh (USA)*
- Wrap up - the Big Picture *P. Daszak (USA)*

ProMED 20th Anniversary Symposium: Innovations in Outbreak Detection

- 20 Years of Outbreak Reporting *S. Morse (USA), J. Woodall (UK)*
- Innovations in Participatory Surveillance (*Speaker TBD*)
- Innovations in Disease Detection *J. Brownstein (USA)*
- Round Table Discussion

SUNDAY, NOVEMBER 2, 2014

Plenary:

Launching of the New OIE Global Wildlife Disease Reporting System: WAHIS-Wild *P. Caceres-Soto (France)*

Symposia:

FAO Tools for Animal Health

- Progressive Control Pathway (PCP) for Disease Control and Global Strategies *E. Raizman (Italy)*
- Global Animal Disease Surveillance and Health Information Tools *J. Pinto (Italy)*
- Tackling Emergency Diseases Head on through Good Emergency Management Practice (GEMP) *I. Douglas (Italy)*
- Tools Supporting Laboratory Capacities and Information Sharing *G. Dauphin (Italy)*
- Research Tools Supporting Livestock Development and Food Security; Peste des Petits Ruminants as a Working Example *W. Dundon (Italy)*

Things are Heating Up: Emerging Infectious Diseases and Climate Change

- Indirect Effects of Climate on Disease Emergence: Population Stress and Migration and Emerging Infectious Diseases *D. Fisman (Canada)*
- Water, Climate and Disease Emergence *A. Greer (Canada)*
- Assessment of the Role of Climate Change on Vector Borne Diseases *X. Rodó (Spain)*

Pastoralism, Rural Communities and the Human Animal Health Interface in East Africa

- Staying Mobile, Staying Healthy? Pastoralism, Mobility, and Human Health in the Drylands of East Africa *B. Butt (USA)*
- Reaching the Fifth Child: Operational Challenges for Polio Eradication Among Pastoralist Communities *V. Gammino (USA)*
- Control of Zoonotic Diseases: a Route to Poverty Alleviation Among Livestock-keeping Communities *E. Fevre (UK/Kenya)*
- Integrated Human and Animal Health Surveillance and Services for Remote Rural Communities *E. Schelling (Switzerland)*

Healthcare Associated Emerging Infections

- Contact Networks and Emerging Infections at Local, National and Global Levels *P. Polgreen (USA)*
- The Role of Biologic Therapies in Emerging Infections *J. Baddley (USA)*

- Role of Organ Transplants in Emerging Infectious Diseases: *M. Kuehnert (USA)*
- Medical Device Related Infections Around the World *D. Warren (USA)*

Emerging Viral Threats

- Ebola and its Spread in West Africa *O. Tomori (Nigeria)*
- Chikungunya's Entry into the Americas *A. Flahault (France)*
- Avian Influenza: Pandemic Potential *A. Flahault (France)*

MONDAY, NOVEMBER 3, 2014

Plenary:

Changing Disease Landscapes *J. Lubroth (Italy)*

Symposium:

One Health: From Research to Public Health

- State-space Models, Risk Maps and Public Health: One-health Approach to Hantavirus Infections *K. Tersago (Belgium)*
- From Risk Maps to Risk Alleviation in Public Health: Examples for Hantavirus and CCHF Virus Infections *K. Dressel (Germany)*
- One Health as an Everyday Work: Example of Rift Valley Fever in the Animal and Human Health Network in the South-western Indian Ocean *E. Cardinale (France)*
- How to Improve the Practical Implementation of One-health? *E. Schelling (Switzerland)*

For complete information on IMED 2014: [website](#)

17th ICID - Hyderabad, India - March 2-5, 2016

International Congress on Infectious Diseases

The ISID has always had a particular focus on the global burden of infectious diseases and we are therefore particularly pleased that the 17th ICID will be held in India, the first time that ISID has visited that country. The meeting will encompass all of the fields of infectious diseases with particular attention being paid to the major challenges of the region including AIDS, malaria, tuberculosis, pneumonia and enteric infections including typhoid fever and diarrhea. In addition, major areas of neglected tropical diseases will be discussed and there will be a particular focus on disease prevention and vaccination.



One of the things that distinguishes ISID meetings is the unique blend of state-of-the-art scientific presentations that encompass both basic science and clinical practice, delivered by a truly international faculty who uniquely have the hands on experience and knowledge of the conditions that they discuss. Our meetings are also notable for their representation from an extraordinarily wide range of countries, and the opportunity for close exchange and communication between the most senior and more junior colleagues. [17th ICID website](#)

News from ProMED

ProMED and Ebola

ProMED has been posting daily, detailed updates on the Ebola outbreak and the situation in West Africa since the beginning of the epidemic. Sources of information include media reports, official reports, online summaries, reports from local observers and from healthcare workers at the frontline of the Ebola



observers and from healthcare workers at the frontline of the Ebola

response.

New ProMED Networks

ProMED-mail is delighted to announce the launch of **ProMED-SoAs** focusing on emerging disease events occurring in the South Asian countries, and **ProMED-MENA** focusing on those diseases occurring in the Middle East/North Africa region.

Both of these new networks will follow the guiding principles and objectives of ProMED-mail, will serve to facilitate an information exchange that allows for greater discussion of topics of special interest to those regions, and will promote transparency with the aim of earlier detection and reporting of outbreaks.

ProMED and ISID are launching these networks in collaboration with HealthMap, TEPHINET and the Skoll Foundation Global Threats Fund.

We especially welcome subscribers from the region and look forward to a very fruitful and exciting collaboration. To subscribe, please go to [SoAs](#) and/or [MENA](#) and click on the "SUBSCRIBE" button at the top right, and then subscribe to the ProMED-SoAs and/or ProMED-MENA lists.

2 New ProMED Moderators

ProMED welcomes two new moderators for ProMED-SoAs and ProMED-MENA:

Girraj Singh (India)
Ghassan Matar (Lebanan)

Avenues to Access ProMED

Readers can follow the MENA and SoAs and other ProMED networks on Twitter and Facebook by clicking related icons on each of the network webpages. Start at: www.promedmail.org.

Vaccine Confidence Reports

Trend Analyses of Vaccination Conversations

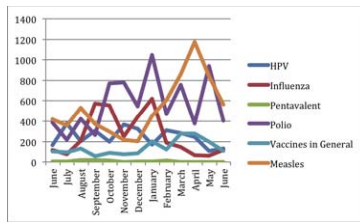
Spearheaded by ProMED and HealthMap, the Vaccine Sentimeter provides real-time surveillance and trend analyses of vaccination conversations in mainstream and social media.

This monitoring is visualized in a web-based dashboard that displays volume of the conversation and the channels, sentiments, influencers, and networks. [Link to Sentimeter](#)

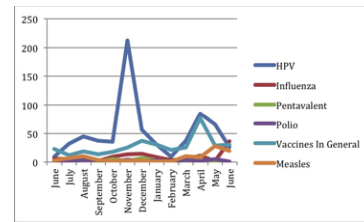
Using pins on a main map, unique vaccination-related stories are illustrated from 50,000+ sources including social media, online news, blogs, expert-curated discussions and validated official reports. The Vaccine Sentimeter thereby achieves a unified and comprehensive view of the current global conversation on vaccination, allowing those who manage vaccination programs to listen, understand and engage with the public to build and sustain confidence in vaccination. Stories can be viewed individually by clicking on the pins or by clicking the list icon or can be searched by a specific vaccine.

Vaccine Sentimeter also provides trend analyses from conversations on Twitter. A vaccine of interest can be selected to view volume and sentiment of conversations on Twitter over time. After identifying changes in the trend, the search tool can be used or the monthly downloadable reports perused to find media that may have triggered these changes.

Number of Reports that Mention Vaccines by Month and Sentiment:



Positive Sentiment June 2013-14



Negative Sentiment June 2013-14

ISID Research Grant Reports

João Marques

RNA Interference: a tool for identifying and controlling Dengue virus and other arboviruses in insect vectors. [Final Report: MARQUES](#)

Johnson Mosoko Moliki

Skills development and technology transfer to investigate the molecular mechanisms of regulation of primary epithelial cell tight junctions of the female genital tract by contraceptives, hormones and HIV-1.

[Final Report: MOLIKI](#)

2014 ISID Research Grant Recipients

The following projects were chosen by the ISID Research Grant Review Panel for the 2014 Research Grants Program:

- [Dr. Yaw Afrane - Kenya](#)
Impact of delayed malaria parasite clearance on malaria transmission in western Kenya
- [Dr. Amin Aqel - Jordan](#)
Infections caused by Gram negative bacteria in the unfortunate Syrian refugees in Jordan, epidemiological and molecular study
- [Dr. Pascaline Fonteh - South Africa](#)
Improving the in vitro pharmacokinetic profile of malaria, TB and HIV drugs using nanotechnology
- [Dr. Tinashe Gede _ Zimbabwe](#)
Evaluation of the feasibility and diagnostic accuracy of a point-of-care urinary lateral flow assay (Alere Determine LF-LAM) for diagnosis of tuberculosis among hospitalized, HIV-infected patients in Harare, Zimbabwe
- [Ms. Silvina Goenaga - Argentina \(will work at the CDC in Ft. Collins, CO USA\)](#)
Potential for co-infection of novel mosquito-specific flaviviruses to block human flaviviral disease agent infection and/or transmission in mosquitoes
- [Mr. Francois Kiemde - Burkina Faso](#)
Determination in vitro of Natural Killer cells cytotoxicity directed against erythrocytes infected by Plasmodium falciparum during pregnancy
- [Mr. Richard Kwizera - Uganda](#)
Estimation of prevalence of Aspergillus hypersensitivity in HIV patients post PTB treatment attending the Infectious Diseases Institute (IDI) clinic in Kampala, Uganda
- [Dr. John Libwea - Cameroon](#) *Assessing the burden of otitis media (OM) in children 2 to 3 years of age and estimate the effect of pneumococcal conjugate vaccine (PCV-13) inclusion on OM in the Expanded Programme on Immunisations (EPI) in Cameroon*
- [Dr. Laura Perez Vidakovics - Argentina](#)
Role of autophagy in replication of Junin virus (JUNV)
- [Ms. Huldah C. Sang- Kenya](#)
Identification and management of genital schistosomiasis and association with HIV amongst women of reproductive age in Rarieda district, western Kenya
- [Mr. Clovis Seumen - Cameroon](#)

For more information about the ISID Research Grant Program please see [ISID Research Grant Program](#).

2014 ISID/ESCMID Fellows

The following individuals have been chosen by ISID and the European Society of Clinical Microbiology and Infectious Diseases (ESCMID) for a co-sponsored Fellowship Program that enables two Fellows per year to perform multidisciplinary clinical and laboratory training abroad.

- [Mr. Juan Farizano, Argentina](#)
Development and optimization of attenuated bacterial vaccines for the control of Salmonella infection: Effect of RcsCDB system in the fimbrial genes expression. In collaboration with the Departamento de Genética, Facultad de Biología, Universidad de Sevilla, Sevilla, Spain.
- [Dr. Refath Farzana, Bangladesh](#)
Molecular epidemiology and dissemination ecology of antibiotic resistant Acinetobacter baumannii clones inside and outside of Bangladeshi hospital settings. In collaboration with the University of Tromsø, Tromsø, Norway.

For more information on the ISID/ESCMID Fellowship see [ISID/ESCMID Fellowship](#).

World Alliance Against Antibiotic Resistance: Declaration

The increase in antibiotic resistant bacteria poses a major healthcare threat. In the face of an almost complete absence of new antimicrobial drugs in development, antibiotic resistance has become a major public health problem of our time. ISID supports the World Alliance Against Antibiotic Resistance (WAAAR) in its global fight against antibiotic resistance.

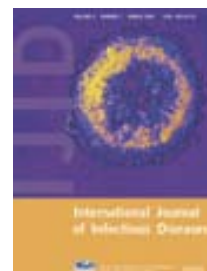
The primary goal of WAAAR is to raise awareness about the urgency and magnitude of the threat of antibiotic resistance and to promote an international dialogue to assist in effective responses. The Alliance, in particular through the attached declaration, is dedicated to lobbying actively for antibiotic preservation and to raising awareness among antibiotic prescribers, politicians and policy-makers, patient safety and advocacy groups, the pharmaceutical industry, international health organizations and the general population.

A link to the the WAAAR declaration against antibiotic resistance: http://www.isid.org/downloads/WAAAR_Decl_20140623.pdf

IJID

IJID - Open Access

The *International Journal of Infectious Diseases* is now an Open Access journal. Open Access means that the papers published can be accessed by everyone without any fee and no subscription fee. The cost of publishing is covered by a fee paid by authors after their paper is accepted, but before publication. Papers from low income countries can have the publication fee waved and the *IJID* follows the guidelines in the "Research4Life" program which has been developed to promote science in low-income countries.



The *IJID* publishes on almost all aspects of infectious diseases in

humans with a strong focus on clinical management of infectious diseases, in addition to basic science and animal studies when there is a clear link to infections in humans and some papers on the epidemiology of infectious diseases and vaccines. All kinds of papers are published: reviews, original studies, case reports (must really be exceptional and contain new methods for diagnosis and management), letters to the editor and imaging.

To access the *IJID* and sign up for regular Table of Contents updates go to: <http://www.ijidonline.com>

Calendar

ISID maintains a list of upcoming Infectious Diseases meetings worldwide on our website. Please see: [Calendar](#)

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