

# ISID NEWS

An Official Publication of the International Society for Infectious Diseases

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Volume 14, Number 3

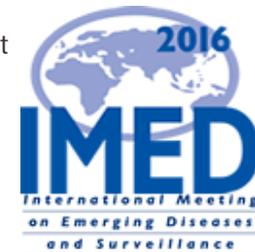
October 2016

## 2016 International Meeting on Emerging Diseases and Surveillance Vienna Austria

November 4-7, 2016

Since its inception, IMED has been a summit that unifies our approach to pathogens in the broadest ecological context bringing together human and veterinary health specialists.

Info: <http://imed.isid.org/>



## Selected IMED 2016 Plenary Speakers



### Christine Kreuder JOHNSON

*AIDS, Avian flu, SARS, MERS, Ebola, Zika ... What Next?*

Dr. Christine Kreuder Johnson is Professor of Epidemiology and Associate Director of the One Health Institute in the School of Veterinary Medicine at UC Davis where she directs the EpiCenter for Disease Dynamics.

### Rudovick KAZWALA

*Zoonotic Diseases at the Human - Domestic Animal - Wildlife Interface in Southern and Eastern Africa*

Dr. Kazwala is Professor of Ecosystems and Public Health in the Department of Veterinary Medicine and Public Health. Prof. Kazwala is involved in a number of research projects particularly in area of bacterial and viral zoonoses.



D. Carroll

### Denis CARROLL

Peter DASZAK

*The Global Virome*



P. Daszak

Dr. Dennis Carroll currently serves as the Director of the U.S. Agency for International Development's (USAID) Global Health Security and Development Unit.

Dr. Peter Daszak is President of EcoHealth Alliance, a US-based

Chile

Paul Tambyah  
Singapore

Ursula Theuretzbacher  
Austria

Norman R. Stein  
(Executive Director)

Britta Lassmann  
(Program Director)

Amy Galblum  
(Program Manager)

Larry Madoff  
(Editor, ProMED-mail)

organization that conducts research and outreach programs on global health, conservation and international development.



**Gabriel M. LEUNG**

*Satisficing Control Options for Influenza*

Prof. Gabriel Leung is Dean of Medicine and Chair Professor of Public Health Medicine at the University of Hong Kong.

### Additional Plenary Sessions

- \* One World - One Health: Trans-Boundary Emerging Diseases in Humans, Animals and Wildlife (Roundtable)
- \* Emergency Responses Including the European Migrant Crisis (M.Tatay)

\*Trends in Antimicrobial Resistance in Europe (Dominique L. Monnet)  
\*AIDS, Avian flu, SARS, MERS, Ebola, Zika ...What Next?  
(Ab Osterhaus)

### Parallel Sessions

- \* Flaviviruses - an Expanding Global Threat
- \* Tracking Emerging Diseases
- \* The Farthest Reach: The challenge of Nomadic and Remote Populations to Emergency Response, Emerging Disease Surveillance, and Eradication
- \* Pandemic Preparedness and what we Learned from Ebola
- \* Zika and Other Vecto-borne Infections
- \* A Refugee's Journey from Insecurity to Stability
- \* One Health Diseases Across Species Boundaries
- \* Hot Topics in Emerging Infections
- \* Data Sharing and Ethics of Big Data
- \* Managing the Next Outbreak
- \* Lessons from Ebola and Preparing for the Next Pandemic
- \* Antimicrobial Resistance in the One Health Context
- \* Innovative Approaches to Disease Surveillance



### IMED 2016 Hackathon

To accelerate the development of innovative approaches to detect, predict, and prevent the next outbreak, the first ever Hackathon at IMED 2016 will bring together multidisciplinary teams to develop practice-oriented solutions at the intersections of climate change, migration, technology, medicine, social economy, and the public and private sectors. More information and application:

<http://www.hackathon.isid.org/>

### CME's

[CME Accreditation for the IMED 2016](#)

## IMED will be Livestreamed

Be sure to follow the ISID Facebook page (@IntSocID) and Twitter account (@ISID\_meetings) to view live streamed lectures from the IMED 2016 conference! A schedule of live streamed talks will be published later this week and page followers will be notified when we are streaming!



## 18th ICID - BUENOS AIRES, ARGENTINA



**MARCH 1-4, 2018**

ISID is delighted to announce that the 18th International Congress on Infectious Diseases will be held in Buenos Aires in conjunction with the XVIII Congreso de la Sociedad Argentina de Infectología (SADI, the Infectious Diseases Society of Argentina). The collaboration of the two Societies will offer an outstanding program of both regional and international expertise. The ISID has always had a particular focus on the global burden of infectious diseases and we are therefore very pleased that to be returning to South America after an interval of 18 years.



## ISID JOINT MEETING in Nanjing, China

### 2nd International Conference on Infections and their Prevention - New Challenges, New Strategies

Based on the success of the first joint meeting in Beijing, China in 2015, ISID is again partnering with the Chinese Medical Association, The Lancet Infectious Diseases and the European Society for Infectious Diseases (ESCMID) on the 2nd International Conference on Infections and their Prevention - New Challenges, New Strategies, this time in Nanjing, China on Nov 18 and 19, 2016. Chinese and international speakers will provide updates on severe ID challenges in China, emerging threats, vaccine discovery and implementation and antibiotic therapy and resistance.

## USAID Grant

ISID is pleased to announce that ISID/ProMED, in a collaboration with HealthMap, Imperial College London, and Healthsites.io, was chosen for a US Agency for International Development grant under their *Combating Zika and Future Threats: A Grand Challenge for Development* program.



The team will develop and deploy a user friendly tool to estimate and visualize risks posed by outbreak events reported on ProMED to the rest of the world by combining multiple data streams into a single probabilistic framework. Developed for one pathogen and focusing on one geographic region, the prototype will be designed to be rapidly scalable by extending it to pathogens of significance to humans and animals on a global scale. The system will inform public health experts, health care workers, and the public of the risks of an outbreak spreading, and will aid government and non-governmental decision makers globally in allocating resources and preparing for the possible importation of an infectious disease threat to their country or region.

The grant award has been posted in a [press release](#) and a [list of all the awardees](#) is also available.

## Dr. Jack Woodall receives the ASTMH Richard M Taylor Award

The American Society of Tropical Medicine and Hygiene awards the Richard M. Taylor Award every three years to a person who has made outstanding contributions to arbovirology throughout his or her career. In 2016 this award has been made to ProMED founder, Dr. Jack Woodall, a well-deserved honor.

## New ProMED Assistant Director

Maja Carrion, MPH joins ISID as the new ProMED Assistant Director for ProMED. For the past 10 years, she has led and managed public health projects and clinical research in Asia, Africa, South America, Europe, and the US. Her primary research interests are innovative infectious disease screening programs, disease and vector control, and neglected tropical diseases.

## EpiCore - How a small Commitment can have a big impact

Working with ProMED-mail, EpiCore is a new innovative surveillance program that harnesses the power of volunteers located throughout the world to provide information to help verify outbreaks faster than traditional surveillance methods. Qualified EpiCore members are trained in innovative surveillance techniques and the specific use of the EpiCore platform. They may then respond to requests for information distributed by ProMED-mail moderators via email to members in geographic proximity to an outbreaks or suspected outbreak. Members provide information to EpiCore through a secure web-based system that allows them to maintain their anonymity as desired. The information collected through EpiCore may then be shared through ProMED, a free, nonpolitical system with open and public worldwide distribution.

EpiCore has almost 1700 members located in 136 countries with new members joining daily. By using innovative surveillance techniques and linking local and international human, animal and environmental health experts, EpiCore enables members, with a small commitment of time, to have a big impact allowing faster outbreak detection and reporting. [EpiCore link](#).

## Avenues to Access ProMED

Readers can follow all of the ProMED networks on Twitter and Facebook by clicking related icons on each of the network webpages. Start at: [www.promedmail.org](http://www.promedmail.org).

## 2016 ISID Research Grant Awards

[The ISID Research Grants Program](#) was established to fund pilot research projects or training of young investigators from resource-limited countries. The goal of the program is to support and foster the professional development of individuals (less than 40 years of age) in the field of human infectious diseases research by helping them to acquire additional skills and data to help advance their careers. The 2016 ISID Grantees are:

### Dr. Jaime Amorim, Brazil

Universidade Federal do Oeste da Bahia

*Purification of Zika virus non-structural proteins aiming viral pathogenesis studies*

### Dr. Michael Frimpong, Ghana

Kumasi Centre for Collaborative Research in Tropical Medicine  
Rapid detection of Mycobacterium ulcerans by recombinase polymerase amplification

### Dr. Theam Soon Lim, Malaysia

Universiti Sains Malaysia, Institute for Research in Molecular Medicine

*Novel monoclonal human antibodies for Zika virus nonstructural proteins*

### Dr. Rubens Monte-Neto, Brazil

Oswaldo Cruz Foundation, René Rachou Research Centre, Laboratory of Molecular and Cellular Biology

*GoldLeish: novel phosphine-derived gold(I) complexes against antimony-resistant and -sensitive Leishmania parasites as drug candidates for leishmaniasis treatment*

### Dr. Hugo Perazzo, Brazil

Fundação Oswaldo Cruz / Instituto Nacional de Infectologia Evandro Chagas

*Validation of an algorithm using non-invasive methods for diagnosis of non-alcoholic fatty liver disease (NAFLD) and non-alcoholic steatohepatitis (NASH) in monoinfected HIV patients under combined antiretroviral therapy (c-ART) [HIV LiverTox Registry]*

### Dr. Cathy Samo, Kenya

University of Nairobi, College of Health Sciences School of Medicine-Anatomic Pathology Unit

*Thymic morphological and functional characteristics among cases of fatal paediatric severe acute respiratory infections, a retrospective cross-sectional study*

### Dr. Kuldeep Sharma, India

Division of Microbiology, National Institute for Research in Tribal Health

*To design and develop high sensitivity detection of MTB-antigens using Immuno-LAMP to detect Mycobacterium tuberculosis antigens directly from specimens/sputum*

### Ms. Eva Wesanguela, Kenya

Ministry of Health Kenya, Patient and Health Workers Safety Unit

Clean Your Hands, Save a Life

**Dr. Sean Wasserman, South Africa**

Division of Infectious Diseases and HIV Medicine, Dept of Medicine,  
University of Cape Town

*Colonisation with multidrug-resistant bacteria and C difficile in long-term care facilities in Cape Town, South Africa*

**Dr. Francis Zeukeng, Benin**

The International Institute of Tropical Agriculture (IITA),  
AgroEcoHealth Platform

*Proof of concept study: Are mosquitoes capable of picking up from their breeding environment and hosting the Mycobacterium ulcerans (Buruli ulcer etiological agent) in their bodies throughout their developmental stages?*

More information on the [ISID Research Grant Program](#).

## International Journal of Infectious Diseases

September 2016

### Featured Content:

[Paradoxical reaction in immunocompetent children with tuberculosis](#)

Begoña Carazo Gallego, David Moreno-Pérez, Esmeralda Nuñez Cuadros, Alba Mesa Fernandez, María Martin Cantero, Pablo Obando Pacheco, Antonio Urda Cardona

[Cost of nosocomial pneumonia: the example of vancomycin versus linezolid-shorter stay or fewer complications?](#)

Jordi Rello, Cao Bin

[Optimizing intravenous fosfomycin dosing in combination with carbapenems for treatment of Pseudomonas aeruginosa infections in critically ill patients based on pharmacokinetic/pharmacodynamic \(PK/PD\) simulation](#)

O. Asuphon, P. Montakantikul, J. Hounsaitong, P. Kiratisin, P. Sonthisombat

[Does molecular analysis increase the efficacy of bronchoalveolar lavage in the diagnosis and management of respiratory infections in hemato-oncological patients?](#)

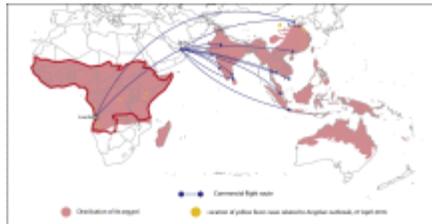
Ilana Oren, Emilia Hardak, Tsila Zuckerman, Yuval Geffen, Ron Hoffman, Mordechai Yigla, Irit Avivi

[Changes in HIV demographic patterns in a low prevalence population: no evidence of a shift towards men who have sex with men](#)

Fatma Sargin, Dilek Yildiz, Ozlem Altuntas Aydin, Bilgul Mete, Alper Gunduz, Hayat Kumbasar Karaosmanoglu, Mucahit Yemisen, Saadet Yazici, Sibel Bolukcu, Bulent Durdu, Ebubekir Senates, Resat Ozaras, Ilyas Dokmetas, Fehmi Tabak

[Yellow fever cases in Asia: primed for an epidemic](#)

Sean Wasserman, Paul Anantharajah Tambyah, Poh Lian Lim



<http://www.ijidonline.com>

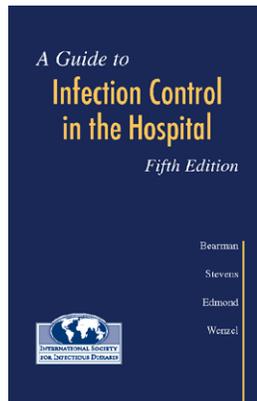
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The *IJID* is the official publication of the ISID and is now published in an open access format on a monthly basis. The *IJID* aims to provide a source of information relevant to professionals involved in the epidemiology, clinical diagnosis, treatment and control of infectious

diseases with particular emphasis placed on those disease which are most common in under-resourced countries.

The *IJD* publishes original clinical and laboratory-based research, reports of clinical trials, reviews, medical imagery and a limited number of case reports. To access the *IJD* and sign up for regular Table of Contents updates go to: <http://www.ijidonline.com>

## 5th Edition: Guide to Infection Control in the Hospital



The 5th edition of *A Guide to Infection Control in the Hospital* is available in a PDF format as a free download to ISID members.

This handy manual contains 60 chapters that explain key principles and guidelines for reducing the rate of nosocomial infections and practical measures intended to improve quality of care, minimize risk, save lives, and reduce costs. Links for downloading the *Guide* have been sent out to all ISID members and more than 8,900 have downloaded it so far from 164 countries.

If did not get your link to download the *Guide* and you are interested in receiving a PDF copy, you can send an email request to [membership@isid.org](mailto:membership@isid.org).

The print version of the 5th edition of the *Guide* in English may be purchased directly through the Society. Individuals from low and middle income countries may receive the *Guide* for free with the payment of postage only, upon request by contacting [membership@isid.org](mailto:membership@isid.org).

[The Guide Table of Contents](#)

## ISID Letter to the UN

### Anti-Microbial Resistance

ISID submitted a [letter to the President of the United Nations General Assembly](#) in support of the Anti-Microbial Resistance initiative prior to the United Nations high-level meeting on antimicrobial resistance on Sept 21, 2016 in New York.

## ISID Research Grant Reports



### Dr. Pascaline Fonteh, S. Africa

University of Pretoria, Dept. of Biochemistry,  
Faculty of Natural and Agricultural Science  
*Improving the in vitro pharmacokinetic profile of malaria, TB and HIV drugs using nanotechnology*  
[Final Report: FONTEH](#)

### Dr. Mohammad Sohail, India

University Department of Zoology, Vinoba Bhave  
University, Jharkhand  
*Investigation on the role of nitric oxide production and single nucleotide diversity during malaria anemia for protective and diagnostic potential*



*among malaria endemic population of Jharkhand*  
*Final Report: [SOHAIL](#)*

[The ISID Research Grants Program](#) funds pilot research projects and training of young investigators from resource-limited countries. The next application deadline is April 1, 2017.

## Follow us on Facebook, Twitter & LinkedIn

Lots of ways to keep up to date with ISID, the 18th ICID and IMED.



## Calendar and Announcements

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

If you wish to modify your membership status at ISID please contact the Society at [membership@isid.org](mailto:membership@isid.org)