



# ISID NEWS

An Official Publication of the International Society for Infectious Diseases

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Volume 14, Number 6 May 2017

**SAVE THE DATE: 1-4 March 2018  
BUENOS AIRES, ARGENTINA**

## BE PART OF THE LEADING INTERNATIONAL CONGRESS ON GLOBAL INFECTIOUS DISEASES

The [Congress](#) is a unique, international event focused on basic science, clinical practice and prevention of infectious diseases with a focus on global challenges. It will bring together world-renowned experts to share innovation, spark and sustain critical connections.



Attendees will enjoy diverse educational opportunities, networking events, and scientific synergies created through the collaboration of the ISID and the XVIII Congreso de la Sociedad Argentina de Infectologia, the annual event organized by SADI, the Infectious Diseases Society of Argentina.

If you are a clinician, researcher, public health professional, microbiologist or otherwise interested in global infectious diseases, then why not join us in creating and sharing the knowledge necessary to prevent, manage, and treat infectious diseases, when and where it matters most! Build your capacity, and connect with like-minded peers from around the world.



18th ICID website: <http://www.isid.org/icid/>

**Join the Hackathon  
BE A PART OF SOMETHING BIG!**

**Hackathon on**

Miguel O'Ryan  
Chile

Paul Tambyah  
Singapore

Ursula Theuretzbacher  
Austria

Chris Trimmer  
(Executive Director)

Britta Lassmann  
(Program Director)

Amy Galblum  
(Program Manager)

Larry Madoff  
(Editor, ProMED-mail)



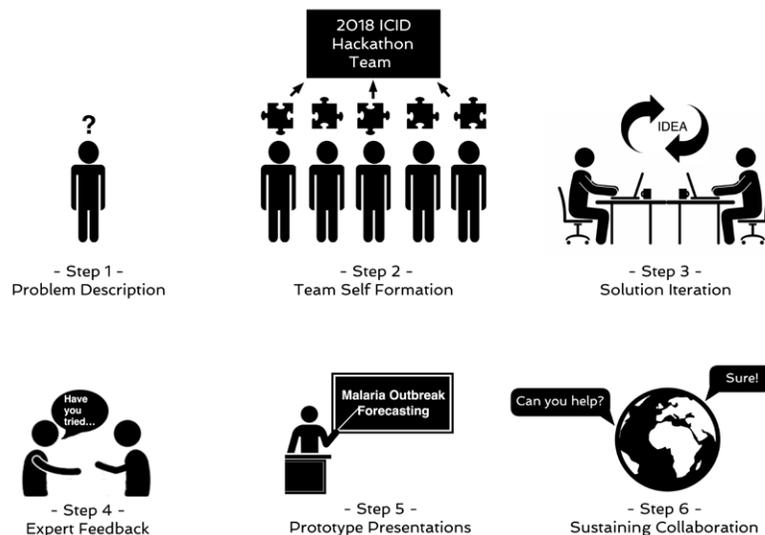
## Infectious Diseases!

February 27 - March 1, 2018  
Buenos Aires, Argentina

The 2018 ICID Hackathon will bring together interdisciplinary experts, challenging them to solve global health issues that impact the lives of millions around the world.

We need you, and your expertise to solve global challenges - [sign up to the mailing list to receive more information.](#)

Here is a graphic look at the steps involved in a Hackathon:



**Figure 1.** Six steps of the Hackathon model. Step 1 - Participants pitch a problem they are interested in solving during the event. Step 2 - Attendees self assemble into teams with skills necessary to solve the pitched problems. Step 3 - Teams develop potential solutions. Step 4 - Field experts give teams feedback and guidance during prototype creation. Step 5 - Teams present prototyped projects to audience and judges to determine awards. Step 6 - Providing additional resources and communication platforms to allow team collaboration in the post-event environment.

## ISID Photo Contest

### Global Infectious Diseases: Macro to Micro

ISID announces its first ever photo contest for the 18th ICID! The contest focuses on the diverse nature of infectious diseases, the innovative practices designed to improve health, and the professionals working to make a difference on a global scale. Whether it be petri dish discoveries in a lab or vaccine campaigns in the field, we want to see your work! It can be a virus, a village, or a vector. Submit the image that captures your work and the people you serve!



Prizes for winners will be announced in the coming months. Submissions will open October 31st, 2017 and close December 31st, 2017. [More information](#)

## News from ProMED and EpiCore

### Epicore Update

EpiCore welcomes a new Program Manager, Taryn Silver Lorthe.

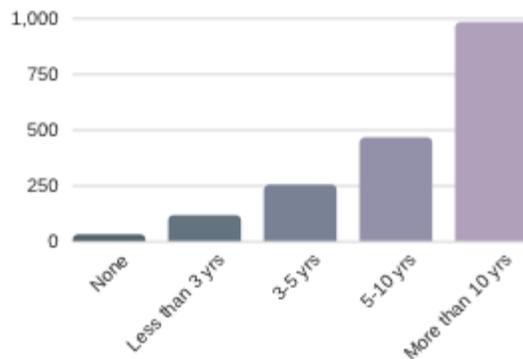
Originally from the Boston area, Taryn has spent the past five years managing public health programs in Haiti with various NGOs. She holds an MPH from Boston University. Taryn has worked in many countries around the world including: Israel, Dominican Republic, Kenya, and Haiti.

EpiCore is an innovative surveillance program focused on verifying outbreaks faster. EpiCore members include human and animal health professionals who assist ProMED moderators by providing real-time information regarding events described in ProMED posts. Information provided by EpiCore members allows ProMED moderators to verify suspected outbreaks and disseminate additional information to the international public health community through ProMED. If you are interested in participating in this innovative surveillance program, [Sign up for EpiCore](#)

## WHO USES EPICORE?



**EpiCore Members by Years of Experience in Epidemiology, Animal, Environmental, and Human Health**



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## Big Data Visualization

The first meeting of an exciting new collaboration between London's Imperial College's Health Protection Research Unit (HPRU) in

Healthcare Associated Infection (HCAI) and Antimicrobial Resistance (AMR), the Antimicrobial Research Collaborative (ARC@Imperial), the Data Science Institute (DSI), ProMED and ISID was held in April presenting novel visualizations using global ProMED data. This collaboration represents a unique opportunity to merge surveillance datasets with cutting edge visualisation methods to provide information on big data in a digestible format that enables hypothesis generation, and can help understand infection transmission.



Larry Madoff, Editor of ProMED, watching a presentation built on ProMED data at the Imperial College London, Data Science Institute

## 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).

[Make a donation to support ProMED!](#)

## International Journal of Infectious Diseases

### Featured Content May 2017

[Respiratory syncytial virus hospitalizations in infants of 28 weeks gestational age and less in the palivizumab era](#)

Bernhard Resch, Beatrice Egger, Stefan Kurath-Koller, Berndt Urlesberger

[Zika virus shedding in human milk during lactation: an unlikely source of infection?](#)

Marta G. Cavalcanti, Mauro J. Cabral-Castro, Jorge L.S. Gonçalves, Larissa S. Santana, Eduardo Scarlatelli Pimenta, José M. Peralta

[New evidence for endemic circulation of Ross River virus in the Pacific Islands and the potential for emergence](#)

Colleen Lau, Maite Aubry, Didier Musso, Anita Teissier, Sylvie Paulous, Philippe Desprès, Xavier de-Lamballerie, Boris Pastorino, Van-Mai Cao-Lormeau, Philip Weinstein

[Impact of long-lasting insecticidal nets on prevalence of subclinical malaria among children in the presence of pyrethroid resistance in \*Anopheles culicifacies\* in Central India](#)

Mehul Kumar Chourasia, Raghavendra Kamaraju, Immo Kleinschmidt, Rajendra M. Bhatt, Dipak Kumar Swain, Tessa Bellamy Knox, Neena Valecha



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The *IJD* is the official publication of the ISID and is now published in an open access format on a monthly basis. The *IJD* 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 diseases 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>

## ISID Grant Reports



### ISID/ESCMID Fellowship Report Syed Hani Abidi, Pakistan

Aga Khan University

*Epitope Evolution of HIV in Genetically Distant Populations*

[Final Report: Abidi](#)



### ISID Research Grant Report Amin Aqel, Jordan

University of Mutah, Alkarak

*Infections caused by Gram negative bacteria in the unfortunate Syrian refugees in Jordan, epidemiological and molecular study*

[Final Report: Aqel](#)



### ISID Research Grant Report Jandeli Niemand, South Africa

Institute for Sustainable Malaria Control, Department of Biochemistry, University of Pretoria

*Functional genomics analyses of the differential susceptibility of early and late P. falciparum gametocytes to antimalarial compounds in order to aid drug discovery efforts*

[Final Report: Niemand](#)



### ISID Research Grant Report Clovis Seumen Tiogang, Cameroon

Molecular Parasitology and Diseases Vectors research Laboratory, The Biotechnology Center; Department of Biochemistry, Faculty of Science, University of Yaounde I

*Evaluation of the effect of Ascaris suum secreted proteins on host immune response to Plasmodium berghei crude extract in BALB/c mice*

[Final Report: Seumen](#)

## Antibiotic Resistance Communication

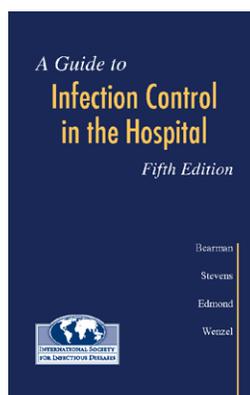
### A failure to use words clearly, undermines the global response to antimicrobials waning usefulness

On May 4, a Comment in the scientific journal, *Nature*, calls for standardization and simplification of terminology around antibiotic resistance. In addition, the authors call for a reappraisal of the rhetoric of war and threat, which often dominates media and scientific discourse, in favor of a more nuanced, balanced and standardized terminology. The paper, led by Professor Marc Mendelson (ISID President-elect) from the University of Cape Town in collaboration with international colleagues highlights the need for a program of research to address terminology that can be used globally, in different languages, and across disciplinary and societal contexts. The language must be understandable by all role players and able to be woven into global education programs and communication strategies. The importance of this is implicit in the World Health Organization's Global Action Plan, a blueprint for collective action on drug resistant infections, the first objective of which is to 'improve awareness and understanding of drug resistance through effective communication, education and training.'

A failure to standardize terminology threatens our response to this most pressing of public health issues, and losing the hearts and minds of critical partners in the global response.

[Read the full commentary here](#)  
[And listen to the podcast here](#)

## 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 9,000 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](#)

## Amazon Smile Program

### An easy way to donate

AmazonSmile is a simple and automatic way for you to support ISID every time you shop, at no cost to you. When you shop at

smile.amazon.com, you'll find the exact same shopping experience as Amazon.com, with the added bonus that Amazon will donate 0.5% of the price of your eligible AmazonSmile purchases to your favorite charitable organization. Easy!

Use this link to register the "International Society for Infectious Diseases" for your donations: [Smile](#)

## 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)