Saturday, 22. May 2021

Zoom Session
08:00 - 09:15

Parasites Under Pressure: Novel Approaches to Malaria Prevention and Management

*P. falciparum* malaria still causes about 430,000 deaths per year. Vaccine development is underway and is sorely needed. Artesunate is improving outcomes and decreasing malaria deaths, but concerns about emerging resistance exist. In addition, *P. vivax* is dominant outside of sub-Saharan Africa and causes significant morbidity; tafenoquine, a new drug for prophylaxis, may be more effective than primaquine.

**Steve Hoffman**
The Long and Winding Road of Malaria Vaccine Development
• Discuss Vaccine Candidates in Development for Travellers’ Malaria
• Discuss most Recent clinical Trial Data

**Christoph Hatz**
Artemisinins and Malaria
• Discuss presentation of malaria in the returned traveller
• Discuss management of malaria in the returned traveller

**Johanna Daily**
Tafenoquine: The New Kid on the Block
• Revise the drug as pan-malarial prophylaxis
• Discuss the role in treatment of malaria
• Consider the use of and adverse effects of tafenoquine

*Speaker: Steve Hoffman,*
*Speaker: Christoph Hatz, BE*
*Speaker: Johanna Daily,*
*Moderator: Ed Ryan,*
*Chair: Eli Schwartz,*

The Long and Winding Road of Malaria Vaccine Development 08:00 - 08:20
Artemisinins and Malaria 08:20 - 08:40
Tafenoquine: The New Kid on the Block 08:40 - 09:00
Medical Care Abroad: Planned & Unplanned

Travellers may travel abroad for the purposes of receiving medical or surgical care which they cannot access in a timely or financially reasonable manner in their home countries. While this care may be of a high standard, the traveller should be aware of the risks involved and how to mitigate them. Dealing with unexpected illness overseas can be very challenging for travellers and their travelling companions. Travellers with chronic illness should have an emergency management plan prepared and all travellers should have appropriate travel insurance with repatriation coverage. This symposium will address medical tourism and obtaining unplanned medical care abroad.

Neil Lunt
Global Status of Medical Tourism
- Review recent trends in international medical tourism.
- Discuss specific categories of medical tourism, including transplant and stem cell tourism.
- Explore bioethical aspects and controversies in medical tourism.

V. Ramasubramanian
Infectious Disease Risks Associated with Medical Tourism
- Describe the burden of infections occurring in medical tourists.
- Provide an overview of antimicrobial resistance in the context of medical tourists.
- Make recommendations for the prevention of medical tourism-related infections, including use of travel vaccines.

Prativa Pandey
Medical Assistance During Travel
- Discuss issues surrounding travel and medical evacuation insurance for international travellers.
- Describe the challenges facing travellers in accessing medical care abroad.
- Outline the role of medical assistance organisations.

Speaker: Neil Lunt,
Speaker: V Ramasubramanian,
Speaker: Prativa Pandey,
Moderator: Albie de Frey,
Chair: Gerard Flaherty,

Global Status of Medical Tourism 08:00 - 08:20
Infectious Disease Risks Associated with Medical Tourism 08:20 - 08:40
Medical Assistance During Travel 08:40 - 09:00
Workshop
08:00 - 09:00

Baby on Board - Pregnancy and Travel
"Pregnant women should avoid travel" - but what if they still decide to go? This session discusses the fundamentals of pre-travel advice for pregnant travellers.

OBJECTIVES
• Outline important features of pre-travel advice in pregnant travellers
• Discuss vaccine issues, challenges of long-haul flights and travel health insurance in the context of the pregnant traveller.
• Propose a "checklist" for the pre-travel advice of the pregnant traveller
• Discuss differences in malaria risk of travellers, prophylaxis and treatment options of pregnant vs non-pregnant travellers.

Speaker: Sarah Borwein,
Speaker: Pat Schlagenhauf,
Moderator: Dale Carroll, US
Chair: Camilla Rothe,

On-Demand
08:00 - 16:00

ON-DEMAND COVID-19 in the Asia-Pacific Region

Plenary
09:15 - 10:15

OneHealth is "OurHealth"
The world is currently under the grip of a pandemic of zoonotic origin. In this plenary session we will look at past and possible future of major outbreaks of zoonotic origin. The importance of zoonotic reservoirs and changing human-animal interactions will be discussed.

Paul Tambayah
Too Close for Comfort - Origins and Consequences of Zoonoses
• Discuss the nature and zoonotic origins of emerging respiratory infections.
• Juxtapose SARS, MERS and Covid-19, how do they compare to influenza
• Consider relevant environmental factors.

Jonna Mazet
Epidemic Potential of Zoonoses
• Describe further important zoonotic infections with emerging potential
• Explore potential that might help to indicate/predict a looming epidemic.
• Discuss if and how we may prepare for the next pandemic.

Speaker: Paul Tambayah,
Speaker: Jonna Mazet,
Moderator: Michele Barry,
Chair: Camilla Rothe,
COVID-19 Vaccines: Hesitancy, Ethics and Controversies

The rapid development and global roll-out of COVID-19 vaccines has focused attention on the importance of combating vaccine hesitancy in population efforts to achieve herd immunity. This workshop will consider the ethical aspects of global mass vaccination campaigns and how to address the problem of vaccine hesitancy.

OBJECTIVES:

- Define vaccine hesitancy, explore its origins and potential impact on COVID-19 vaccination.
- Addressing vaccine hesitancy in travellers.
- Describe variations in global attitudes & access to vaccines
- Discuss approaches to achieving a equitable global distribution of COVID-19 vaccine.

Speaker: Elizabeth Barnett,
Speaker: Helen Rees,
Moderator: Richard Dawood,
Chair: Gerard Flaherty,

Free Communications - Vaccines & Travellers' Diarrhea

Free Communications sessions are a collection of oral presentations based on abstracts submitted to and accepted by the CISTM17 SPC. Once all authors have confirmed, a list of talks and their presenters will be included here.

Moderator: Noreen Hynes, US

We’re Jammin’ - Mass Gatherings

During the ongoing COVID-pandemic many have been sensitised to the epidemic potential of mass gatherings. But what exactly are the health risks of different types of events and what preventive measures can travellers take?

OBJECTIVES:

- Discuss important mass gatherings around the world.
- Discuss specific health risks participants of different types of mass gatherings.
- Review aspects of safety, infection prevention and medical support for the participants.

Speaker: Salim Parker,
Speaker: Ziad Memish,
Moderator: Olivier Aoun,
Chair: Camilla Rothe,
Deep Dive
11:45 - 13:00

Clinical Conundrum in Febrile Returning Travellers
Fever in returning travellers potentially has a wide differential diagnosis. In addition, more an more travellers are immunocompromised putting them at extra risk of infection. This case-based session will discuss three cases, revealing potentially severe febrile tropical infections that may affect the traveller at the end of each case.

OBJECTIVES
• Present an example of the given febrile condition
• Highlight important differential diagnoses
• Identify risk travelers/risk exposures for the the condition discussed

Speaker: Sabine Jordan,
Speaker: Eyal Leshem,
Speaker: Thomas Weitzel,
Moderator: Vanessa Field, GB
Chair: Camilla Rothe,

Case 1 11:45 - 12:05
Case 2 12:05 - 12:25
Case 3 12:25 - 12:45

Symposium
11:45 - 13:00

Neglected Tropical Diseases - the Crossroads of Tropical and Migrant Medicine
Migrations are increasing globally and migrants with tropical diseases seen in non-endemic countries are at risk of remaining undiagnosed and untreated for too long. In this session, epidemiology, clinical presentation, diagnostic tests and treatment of three major NTDs will be discussed.

Christina Greenaway
Silent but Deadly - Strongyloides
• Explain which groups of migrants are at particular risk of strongyloidiasis
• Discuss clinical presentations of strongyloidiasis including dissemination/hyperinfection syndrome; who is at risk of dissemination
• Compare advantages of screening vs presumptive therapy

Rogelio Lopez-Velez
My Achy Breaky Heart - Chagas Disease
• Give an update on the current epidemiology of Chagas diseases and its importance in migrant medicine
• Describe stages and clinical manifestations of Chagas disease
• Whom should we screen for CD and how? Who benefits from treatment?

Priya Joseph
Facing the Lion - Leprosy
• Provide a brief overview of the current epidemiology of leprosy
• Outline the clinical spectrum of leprosy
• Describe current treatment options and important side-effects.

Speaker: Christina Greenaway,
Speaker: Rogelio Lopez-Velez,
Speaker: Priya Joseph,
Moderator: Androula Pavli,
Chair: Camilla Rothe,

Silent but Deadly - Strongyloides 11:45 - 11:55
Scientific program

17th Conference of the International Society of Travel Medicine 19-22 May 2021 Virtual

My Achy Breaky Heart - Chagas Disease 11:55 - 12:05
Facing the Lion - Leprosy 12:05 - 12:15

Zoom Session
11:45 - 13:00
Case-of-the-Day

Commercial Symposium
13:00 - 14:00
SPONSORED SYMPOSIUM - Commercially created content Going the Extra Mile: Helping Travelers with Chronic Conditions or Suppressed Immune Systems Travel Smart During COVID-19
This talk will help CISTM17 attendees anticipate questions of travelers with chronic conditions or suppressed immune systems to help empower these travelers to make wise decisions.

Break
13:00 - 14:15
Meal Break

Zoom Session
14:15 - 15:45
Late-Breaker Symposium

Use of Evolutionary Virology to Track and Contain SARS-CoV-2 in New Zealand
Jemma L. Geoghegan
Theme: Use of molecular virology to define chains of transmission into New Zealand introduced by travelers to track penetration into the community.

Vaccine Development Lessons for the Next Pandemic
Stephen M. Ostroff
Theme: The good and bad of development, production, allocation, and distribution of COVID19 vaccines and what regulatory, scientific, and manufacturing capabilities need to be pre-positioned well before the next pandemic.

Long-term Latency of Ebola Virus in Humans
Robert W. Cross
Theme: Important conceptual change in our understanding support by 2021 sequence data from Guinea and immunologic data from surrounding countries since 2016.

Tickborne Encephalitis Vaccine Lessons to the US From Europe
Jiri Beran MD
Theme: TBE vaccine is expected to have FDA approved by August 2021 with CDC/ACIP recommendations in October. A long European experience in travelers can inform US indications and dosing regimens.

Use of Evolutionary Virology to Track and Contain SARS-CoV-2 in New Zealand 14:15 - 14:35
Vaccine Development Lessons for the Next Pandemic 14:35 - 14:55
Long-term Latency of Ebola Virus in Humans 14:55 - 15:15
Tickborne Encephalitis Vaccine Lessons to the US From Europe 15:15 - 15:35
Adapting Travel Clinic Practice in the Time of COVID

The pandemic of COVID-19 has disrupted travel medicine practice and accelerated changes including the integration of digital technologies. This workshop will offer a forum to explore and discuss the challenges and opportunities of providing travel medicine services in the pandemic era.

OBJECTIVES:
• Discuss ways to adapt existing travel medicine practice to cater for the needs of the travelling public during the COVID-19 pandemic.
• Describe the challenges to setting up and/or managing a travel clinic during the COVID-19 pandemic

Speaker: Rebecca Acosta,
Speaker: Derek Evans,
Moderator: Gail Rosselot,
Chair: Gerard Flaherty,