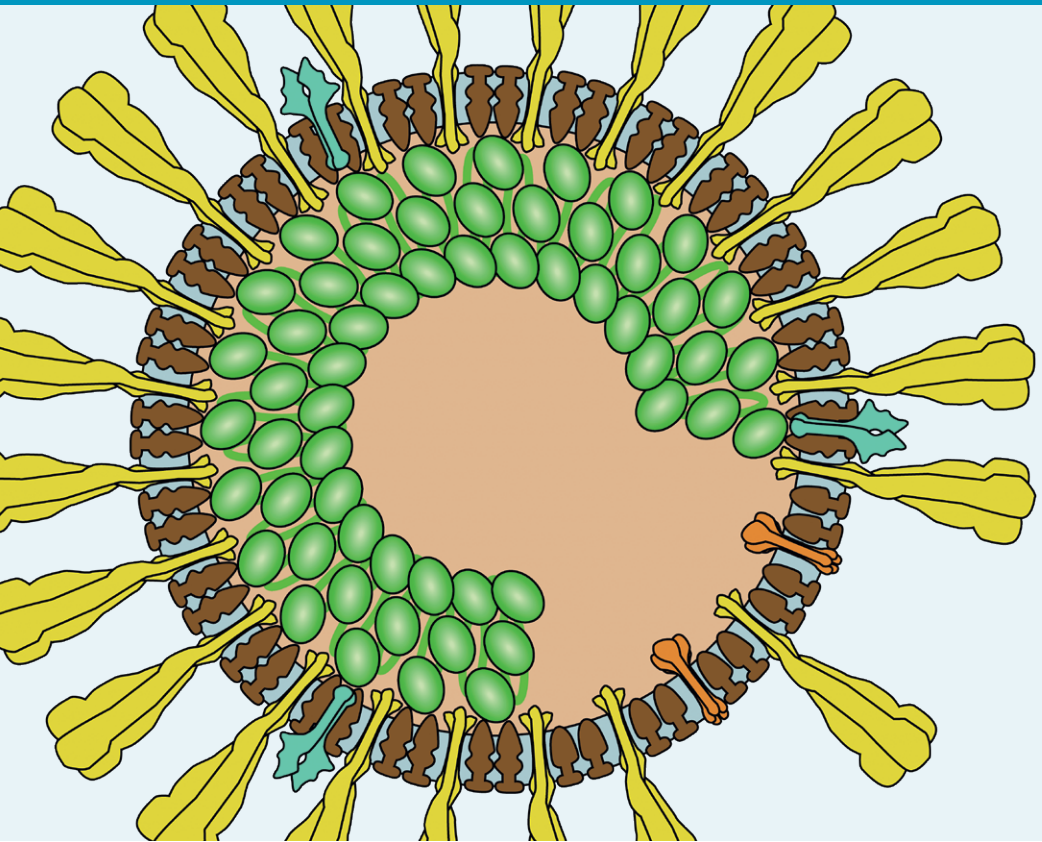


UNDERSTANDING EMERGING VIRAL DISEASES AND THEIR PUBLIC HEALTH IMPACT

2nd Symposium Geneva Centre for Emerging Viral Diseases
April 10-12, 2019, Campus Biotech, Geneva, Switzerland



Welcome

Dear colleagues,

We are delighted to welcome you to the 2nd Symposium „Understanding Emerging Viral Diseases and their Public Health Impact“, hosted by the Geneva Centre for Emerging Viral Diseases.

Within a short time frame, research on emerging viruses has changed from a small, rather exotic niche within the virology field to a topic of major public health interest, also raising tremendous attention in the community and in the public. The Geneva Centre for Emerging Viral Diseases is dedicated to serve at the interface between fundamental research, translational, clinical and diagnostic virology with a close connection to public & global health – and this is also the mission that we want to reflected in our symposium.

The recent outbreaks of Zika and Ebola have proven once more that we are not prepared, and our talks are dedicated to the important, and sometimes controversial issue in the field of emerging viruses: What can we learn from past and current outbreaks to prepare ourselves for the future? Can we prevent the next emerging viral outbreak? Are we prepared? Or can we even predict it?

In 11 sessions, evening-, award- and keynote-lectures and with a total of 32 speakers from more than 12 countries, we aim to cover the complete picture, and the challenges that we face. Our program is enriched with the medical perspective and the experience from people working in the field: clinical cases, real-life scenarios, lessons from the field, but also specific basic research findings on emerging viruses of high interest, all delivered by international top experts in the field.

We thank you for coming to Geneva, and we also thank our supporters and sponsors to make this exciting symposium possible.

We hope that you will get the best experience you possibly can from this symposium: meet colleagues, get inspired, stimulate exchange and collaborations, and enjoy the first days of spring in our cosmopolitan city located at the beautiful Lac Léman.

Welcome, and enjoy!

Isabella Eckerle & Laurent Kaiser



Program

Wednesday April 10, 2019

11.30 Registration

12.30 Introduction

Laurent Kaiser, Head of Division of Infectious Diseases, Faculty of Medicine University of Geneva and Geneva University Hospitals, Switzerland

Henri Bounameaux, Dean of the Faculty of Medicine, University of Geneva, Switzerland

Session I: Arbovirus Emergence in Europe

Chairs: Shindo Nahoko (World Health Organization)

Pascal Cherpillod (Geneva University Hospitals)

12.45 A Case of Autochthonous CCHF Transmission in Spain

Jose Arribas, Hospital Universitario La Paz, Madrid, Spain

12.55 CCHF in Europe – Lessons from Turkey

Tom Fletcher, Liverpool School of Tropical Medicine, Liverpool, UK

13.20 Mayaro, Usutu, West Nile – the Next Emerging Arbovirus?

Jonas Schmidt-Chanasit, Bernhard-Nocht-Institute Hamburg, Germany

13.45 Discussion

14.00 Coffee Break

Session II: Yellow Fever Virus – Old Virus, New Challenges

Chairs: François Chappuis (Faculty of Medicine University of Geneva and Geneva University Hospitals, Switzerland)

Amadou Sall (Institute Pasteur Dakar)

- 14.25 A Case of Imported Yellow Fever in Switzerland**
Annelies Zinkernagel, University Hospital Zurich, Switzerland
- 14.35 Severe Yellow Fever – Clinical Experience from Brazil**
Ho Yeh Li, University of São Paulo, Brazil
- 15.00 Epidemiology & Ecology of the YFV Outbreak – why now?**
Jan Felix Drexler, Charité Berlin, Germany
- 15.25 Discussion**
- 15.40 Mini-Break**

Evening Lectures

- 16.00 Welcome Note**
Isabella Eckerle, Geneva Centre for Emerging Viral Diseases, Faculty of Medicine University of Geneva and Geneva University Hospitals, Switzerland
Bertrand Levrat, General Director, Geneva University Hospitals, Switzerland
- 16.15 Snakebite: From Research to Public Health Interventions**
François Chappuis, Faculty of Medicine University of Geneva and Geneva University Hospitals, Switzerland
- 16.45 Crisis Management in Emergency Situations**
Esperanza Martinez, International Committee of the Red Cross, Geneva, Switzerland

Social Program

- 18.00 Guided Tour of the International Red Cross Museum & Aperó**

Program

Thursday April 11, 2019

Session I: Vaccines for Emerging Viruses – the Long and Winding Road to Protection

Chairs: Olivia Keiser (Institute of Global Health Geneva)

Ana Rita Gonçalves Cabecinhas (Geneva University Hospitals)

08.30 The Ups and Downs of Dengue Vaccination

Annelies Wilder-Smith, Initiative for Vaccine Research, WHO, Geneva, Switzerland

08.55 Evolutionary Dynamics of Influenza Viruses

Colin Russell, Academic Medical Center of the University of Amsterdam, The Netherlands

09.20 Discussion

Session II: Novel Approaches to Tackle Emerging Viruses

Chairs: Manuel Schibler (Geneva University Hospitals)

Stephan Günther (Bernhard-Nocht-Institute Hamburg)

09.30 A Mobile Laboratory for Outbreak Situations

Rudi Pauwels, Praesens Foundation, Belgium

09.40 Precision Global Health – Forecasting Outbreaks?

Antoine Flahault, Institute of Global Health, Faculty of Medicine University of Geneva and Geneva University Hospitals, Switzerland

10.05 Discussion

10.15 Coffee break

Session III: Emerging Virus of Global Relevance: Measles, Enteric Viruses and HIV

Chairs: Klara Posfay-Barbe (Faculty of Medicine University of Geneva and Geneva University Hospitals, Switzerland), Volker Thiel (University Bern)

10.45 Measles Epidemiology – Draw-backs and Current Challenges

Sabine Santibanez, Robert Koch Institute, Germany

11.10 The Rapidly Evolving World of Enteric Viruses

Marion Koopmans, Erasmus Medical Centre, Rotterdam, The Netherlands

11.35 HIV Control: Unresolved and Emerging Issues

Alexandra Calmy, Faculty of Medicine University of Geneva and Geneva University Hospitals, Switzerland

12.00 Discussion

12.15 Lunch

Venue: Foyer, Campus Biotech

Session IV: Ebola – Recent Challenges and New Approaches

Chairs: Olivier Engler (Federal Office for Civil Protection Switzerland)

Daniel Bausch (London School of Tropical Medicine and Hygiene)

13.20 Ebola in DRC – a Clinical Point of View

Pauline Vetter, Geneva University Hospitals, Switzerland

13.30 Challenges of the Current Ebola Outbreak in DRC

Pierre Formenty, World Health Organization, Geneva, Switzerland

13.55 Discussion

Session V: Emerging Rodent-borne Viruses: Lassa and Hantaviruses

Chairs: Gary Kobinger (University Laval), Stefan Kunz (University Hospital Lausanne)

14.05 A Case of Imported New World Hantavirus Infection to Switzerland

Cornelia Staehelin, University Hospital Bern, Switzerland

14.15 A Case of Imported Lassa Virus to Germany

Timo Wolf, Goethe University Frankfurt, Germany

14.25 Discussion

14.35 Coffee break

15.00 Lassa Fever – Lessons from the Field

Daniel Bausch, London School of Tropical Medicine & Hygiene, London, UK

15.25 Novel Diagnostics for Lassa Fever in the Field

Stephan Günther, Bernhard Nocht Institute Hamburg, Germany

15.50 Discussion

16.00 Mini break

Keynote Lectures: Virus Discovery and Viruses at the Human-Animal-Interface

Chairs: Antoine Flahault (Institute of Global Health), Isabella Eckerle (Faculty of Medicine University of Geneva and Geneva University Hospitals, Switzerland)

16.15 Expansion of the RNA Virosphere

Edward Holmes, University of Sydney, Australia

16.45 Microbial Discovery, Surveillance, and Diagnostics

W. Ian Lipkin, Columbia University, New York, USA

17.15 PREDICT and the Global Virome Project

Peter Daszak, Ecohealth Alliance, New York, USA

17.45 Discussion

Social program

19.30 Conference Dinner

Restaurant Vieux-Bois

Program

Friday April 12, 2019

Session I: Emerging Viruses and the Brain

Chairs: Philip Le Mercier (Swiss Institute of Bioinformatics)

Samuel Cordey (Geneva University Hospitals)

08.30 The South East Asian Encephalitis Project

Marc Lecuit, Pasteur Institute Paris, France

08.55 Rabies Risk in Europe and Beyond

Hervé Bourhy, Pasteur Institut Paris, France

09.20 Discussion

Session II: Emerging Viruses from Africa

Chairs: Pauline Vetter (Geneva University Hospitals)

Cassandra Kelly (Foundation for Innovative New Diagnostics)

09.30 Imported Monkeypox to the UK

Michael Jacobs, Royal Free Hospital, London, UK

09.55 Arboviruses in Africa – Lessons from Senegal

Amadou Sall, Pasteur Institute Dakar, Senegal

10.20 Discussion

10.30 Coffee break

Session III: Febrile Illness – the Clinical Approach

Chairs: Jérôme Pugin (Faculty of Medicine University of Geneva and Geneva University Hospitals, Switzerland)

Marylyn Addo (University Hospital Hamburg)

10.55 Febrile Illnesses – What if it is not a Virus?

Daniel Paris, Swiss TPH, Basle, Switzerland

11.20 Discussion

Session IV: Climate Change and the Impact on Emerging Viruses

Chairs: Rafael Ruiz de Castañeda (Institute of Global Health Geneva)

Micaela Serafini (Médecins Sans Frontières)

11.30 Climate Change and Health in Poor Countries

Rainer Sauerborn, Institute of Public Health, Heidelberg, Germany

11.55 Rift-Valley-Fever Outbreak Assessment by Satellite-based Land Surface Analysis

Assaf Anyamba, University Space Research Association & NASA, Goddard Space Flight Center, USA

12.20 Discussion

12.30 Mini-Lunch – Grab a sandwich

Award lecture

13.00 Award Ceremony

Laurent Kaiser, Faculty of Medicine University of Geneva and Geneva University Hospitals, Switzerland

13.10 Emerging Pathogens then and now - Three Decades of Hunting Deadly Viruses

Pierre Rollin, Atlanta, USA

13.40 A Research Journey through Emerging Viruses

Gary Kobinger, University Laval, Quebec, Canada

14.10 Closing Remarks & Farewell

Laurent Kaiser, Head of Division of Infectious Diseases, University Hospital Geneva, Switzerland

Isabella Eckerle, Geneva Centre for Emerging Viral Diseases, Faculty of Medicine University of Geneva and Geneva University Hospitals, Switzerland



Practical information

Registration procedures

Online registration :

➤ www.unige.ch/emerging-virus-symposium/registration

Please register by April 8, 2019

Please note that the number of participants will be limited to a maximum of 300.

Registrations on site are possible only if the limit of 300 is not reached

Registration fees

CHF 380.- Regular participants

CHF 200.- Students, HUG and UNIGE/faculty members

CHF 500.- Industry

Included in the registration fee: admission to sessions, symposium badge, conference material, coffee breaks, lunch, social event (Tour of the International Red Cross Museum & apero), certificate of participation, but excl. dinner, accommodation and travel.

Credits

This symposium is recognised by Conference Vetting System

20 CME Swiss Society for Infectious Diseases

We will post more information about the points on our website.

Administration

Mrs Berivan Mutlu & Mrs Martine Moreillon

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Organisers

Prof. Laurent Kaiser & Prof. Isabella Eckerle

Geneva Centre for Emerging Viral Diseases

Division of Infectious Diseases and Laboratory of Virology

Faculty of Medicine University of Geneva and Geneva

University Hospitals, Switzerland

More information

➤ www.unige.ch/emerging-virus-symposium



Venues and sponsors

Venues

Symposium

Campus Biotech

Chemin des Mines 9, 1202 Geneva

Acces: Bus n° 1, 11, 25, 28, Stop: Jardin Botanique

Dinner

Restaurant Vieux-Bois

Avenue de la Paix 12, 1202 Geneva

Social event

International Red Cross Museum

Avenue de la Paix 17, 1202 Geneva

Sponsors

Gold sponsor



Silver sponsors



Bronze sponsors

