

Ebola

40 years after Yambuku 12-15 September 2016 - Antwerp, Belgium

Day 1: Monday 12 September 2016

Registration taking place at ITM, Campus Rochus

Sessions taking place at BNP Paribas Fortis

11:00-12:30	<i>Registration Opens & Poster Mounting @ ITM, Campus Rochus</i>
13:15-14:00	Limited registration opportunity @ BNP Paribas Fortis
<i>14:00 -17:45</i>	Session 1: Historical and Future Perspective Moderators: Prof. Em. Guido van der Groen, Belgium & Dr. Kevin Ariën, Belgium
14:00	Opening Speech Prof. Dr. Bruno Gryseels, Director ITM, Belgium
14:10	Ebola Virus Disease (EVD) Outbreak in 1976 and Later Outbreaks in Democratic Republic of Congo (DRC) Prof. Dr. Jean-Jacques Muyembe, Institut National de Recherche Biomédicale (INRB), Democratic Republic of the Congo
14:55	On the Trail of Ebola: My life as a Virus Hunter Prof. Em. Dr. Guido van der Groen, ITM, Belgium
<i>15:40-16:15</i>	<i>Coffee Break</i>
16:15	Humanitarian Dimensions of the Ebola Outbreak in West Africa Dr. Rick Brennan, World Health Organization (WHO), Switzerland
17:00	Are We Ready for the Next Big Epidemic? Prof. Dr. Peter Piot, London School of Hygiene & Tropical Medicine (LSHTM), UK
<i>17:45</i>	<i>Break</i>
18:00	High-Level Debate: Ebola - Lessons Learned for the Next Global Outbreak Moderator: Dr. Sheri Fink, New York Times, USA <u>Panel 1: Research</u> Prof. Dr. Jean-Jacques Muyembe, INRB, Democratic Republic of the Congo Dr. Barbara Kerstiens, Deputy Head of Fighting Infectious Diseases and Advancing Public Health Unit, DG Research & Innovation, European Commission, Belgium Dr. Johan van Hoof, Janssen Pharmaceutical Companies of Johnson & Johnson, Belgium Prof. Dr. Johan van Griensven, ITM Antwerp, Belgium Dr. Michael Kurilla, National Institute of Allergy and Infectious Diseases (NIAID), USA

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Panel 2: Response

Ms. Rebecca Johnson, Nurse & Ebola Survivor, Sierra Leone
Prof. Dr. Peter Piot, London School of Hygiene & Tropical Medicine (LSHTM), UK
Dr. Rick Brennan, World Health Organization (WHO), Switzerland
Dr. Armand Sprecher, Médecins Sans Frontières (MSF), Belgium
Prof. Dr. Gary Kobinger, Centre Hospitalier de l'Université Laval (CHUL), Canada
Prof. Dr. Stephan Günther, Bernhard-Nocht-Institut für Tropenmedizin (BNITM), Germany

19:30-21:00

Opening Reception: BNP Paribas Fortis Patio

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Day 2: Tuesday 13 September 2016

ITM, Campus Rochus

07:00	Registration & Coffee
08:00– 10:55	Session 2: Epidemiology & Ecology – New Insights Moderators: Prof. Dr. Heinz Feldmann, USA & Dr. Bea Vuylsteke, Belgium
08:00	Spatial and Evolutionary Dynamics of the 2013-2016 Ebola Virus Disease Epidemic Prof. Dr. Andrew Rambaut, University of Edinburgh, UK
08:25	The Introduction, Spread and Reemergence of Ebola Virus in Liberia Dr. Gustavo Palacios, United States Army Medical Research Institute of Infectious Diseases (USAMRIID), USA
08:50	Genetic Diversity and Entry Mechanism of Ebola Virus Prof. Dr. Yi Shi, Chinese Academy of Sciences (CASS), China
09:15	What do We Know About The Wildlife Reservoir of Ebola Virus? Dr. Fabian Leendertz, Robert Koch Institute (RKI), Germany
09:40-10:10	<i>Coffee Break & Poster Viewing</i>
10:10	<i>Selected Oral Abstract:</i> Persistent Immune Response in Ebola Survivors From Yambuku Outbreak 40 Years After Infection Dr. Patrick Mukadi, National Institute for Biomedical Research/UCLA DRC Research Program, Democratic Republic of the Congo
10:25	<i>Selected Oral Abstract:</i> Men's Health Screening Program: Ebola Survivor Semen Testing Preliminary Findings – Liberia, 2015-2016 Dr. Lawrence Purpura, Centers for Disease Control and Prevention (CDC), USA
10:40	<i>Selected Oral Abstract:</i> Evidence of Heterogeneous Ebola Virus Evolutionary Rates in Persistently-Infected EVD Survivors Dr. Shannon Whitmer, Centers for Disease Control and Prevention (CDC), USA
10:55 –15:30	Session 3: Patient Care and Management Moderators: Prof. Dr. Robert Colebunders, Belgium & Dr. Anja De Weggheleire, Belgium
10:55	The WHO Clinical Response to Ebola and Building Clinical Capacity for Future Outbreaks Prof. Dr. Daniel Bausch, World Health Organization (WHO), Switzerland

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11:20	Ebola Clinical Care and Readiness Prof. Dr. Colleen Kraft, Emory University, USA
11:45	Patient Care in the MSF Response to the West African Ebola Outbreak Dr. Armand Sprecher, Médecins Sans Frontières (MSF), Belgium
12:10-13:30	<i>Lunch Break & Poster Viewing</i>
13:30	Treating Patients with Ebola Virus Disease in Resource-constrained Settings: Reviewing Existing Guidance and Uncovering the Knowledge Gap Prof. Dr. Shevin Jacob, University of Washington, USA
13:55	The Non-human Primate Intensive Care Unit (NHP-ICU) Supportive Care Study of Ebola Virus Disease Prof. Dr. James Strong, Public Health Agency of Canada (PHAC), Canada
14:20	Neurologic and ophthalmic manifestations in (human) EVD Dr. Ian Crozier, World Health Organisation (WHO), USA
14:45	<i>Selected Oral Abstract: 18-Fluorodeoxyglucose and 18-F-Albumin Positron Emission Tomography Imaging of Ebola Virus Infection in Rhesus Monkeys</i> Dr. Reed Johnson, National Institutes of Health (NIH), USA
15:00	Discussion
15:30-16:00	<i>Coffee Break & Poster Viewing</i>
16:00 – 18:20	Session 4: Ebola survivors Moderators: Prof. Dr. Daniel Bausch, Switzerland & Dr. Evelyn Depoortere, Belgium
16:00	Multidisciplinary Assessment of Ebola Virus Disease's Sequelae in Surviving Patients in Guinea: The Postebogui Cohort Study Prof. Dr. Eric Delaporte, Institut de Recherche pour le Développement (IRD), France
16:25	Dissecting the Immune Response of EVD Survivors and their Contacts Prof. Dr. Miles Carroll, Public Health England (PHE), UK
16:50	Ebola-induced autoimmunity contributing to long-term sequelae in survivors Prof. Dr. Gary Kobinger, Centre Hospitalier de l'Université Laval (CHUL), Canada
17:15	How to Survive to Ebola in Guinea Conakry : An Anthropological Perspective to Reinstate the Concept Prof. Dr. Sylvain Faye, Cheikh Anta Diop University, Sénégal

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17:40	<i>Selected Oral Abstract:</i> Kinetics of EBOV-specific T Cells in EVD Patients From the West Africa Outbreak Ms. Paula Ruibal, Bernhard Nocht Institute for Tropical Medicine (BNITM), Germany
17:55	The Sierra Leone Ebola Virus Persistence Study Dr. Barbara Knust, USA
18:10	Ebola Survivor: Her Personal Story Ms. Rebecca Johnson, Sierra Leone
18:35-19.15	<i>Poster Viewing Break</i>
19:30-23:00	<i>Conference Dinner Hosted by ITM @ Grand Café Horta, Art Nouveau room, Hopland 2, Antwerp Ticket required</i>

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Day 3: Wednesday 14 September 2016

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07:30	Coffee
08:00 – 10:30	Session 5: Diagnostics – New Developments Moderators: Prof. Dr. Gary Kobinger, Canada & Dr. Heinz Feldmann, USA
08:00	A Story of Impact: Idylla™ Technology Serving Improved Rapid Disease Outbreak Response and Global Disease Surveillance Dr. Rudi Pauwels, Biocartis, Belgium
08:25	Contribution of the European Mobile Laboratory Consortium to Outbreak Response and Research on Ebola Virus Disease, 2014–2016 Prof. Dr. Stephan Günther, Bernhard Nocht Institute for Tropical Medicine, BNITM, Germany
08:50	The Role of Rapid Diagnostics in Managing Ebola Outbreaks Dr. Tini Garske, Imperial College, UK
09:15	Laboratory Testing in the Context of Clinical Trials Prof. Dr. Jean-Claude Manuguerra, Institut Pasteur, France
09:40	<i>Selected Oral Abstract:</i> Lateral Flow Immunoassays for Ebola Virus Disease Detection in Liberia Dr. Randal Schoepp, Naval Medical Research Center, USA
09:55-10:30	<i>Coffee Break & Poster Viewing</i>
10:30 - 15:05	Session 6: Clinical Trials: Vaccines Moderators: Prof. Dr. James Strong, Canada & Dr. Raffaella Ravinetto, Belgium
10:30	Clinical Development of A Recombinant Ebola Vaccine in the Midst of an Unprecedented Outbreak Dr. Catherine Slegers, MSD, Belgium
10:55	Implementing a Randomized Controlled Trial (RCT) in the Context of an Ebola Epidemic Dr. Ana Maria Henao-Restrepo, World Health Organization (WHO), Switzerland
11:20	PREVAIL I: A Randomized Controlled Safety and Immunogenicity Trial of Two Different Vaccines Against Ebola Virus Dr. Richard Davey, NIAID, USA

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11:45	ChAd3-EBO-Z Ebola Vaccine Development: An Emergency Response Dr. François Roman, GSK, Belgium
12:10-13:30	<i>Lunch Break & Poster Viewing</i>
13:30	Accelerated Development of an Ebola Vaccine Based on Replication Incompetent Ad26- and Modified Vaccinia Ankara-based Vectors Dr. Johan Van Hoof, Janssen Pharmaceutical Companies of Johnson & Johnson, Belgium
13:55	Phase 1 Safety and Immunogenicity of an Attenuated VesiculoVax™ Vectored EBOV Vaccine Dr. John Eldridge, Profectus BioSciences, USA
14:20	<i>Selected Oral Abstract: Efficacy of VSV-EBOV Post-Exposure Treatment in Rhesus Macaques Infected with EBOV-Makona</i> Dr. Andrea Marzi, NIH, USA
14:35	<i>Selected Oral Abstract: EBOV GP Nanoparticle Vaccine Administered by Microneedle Patch Induces Potent Antibody Responses</i> Dr. Chinglai Yang, Emory University, USA
14:50	<i>Selected Oral Abstract: Phase 1 Clinical Trial of Novavax' EBOV GP Nanoparticle Vaccine in Healthy Adults and Protection in Non-Human Primate Challenge Studies</i> Dr. James Cummings, Novavax, USA
15:05 – 18:45	Session 7: Clinical trials: Plasma and Antivirals Moderator: Prof. Dr. Thomas Geisbert, USA & Prof. Dr. Yoshihiro Kawaoka, Japan
15:05	Ebola Convalescent Plasma Therapy Trials – Does it Work? Prof. Dr. Johan Van Griensven, Institute of Tropical Medicine Antwerp, Belgium
15:30	Favipiravir Clinical Trials in Patients with Ebola Virus Disease Prof. Dr. Denis Malvy, Centre Hospitalier Universitaire (CHU), Bordeaux, France
15:55-16:25	<i>Coffee Break & Poster Viewing</i>
16:25	Nucleoside Analog GS-5734 Confers Survival and Suppresses Clinical Disease in Nonhuman Primates Infected with Ebola Virus Makona/2014 Dr. Travis Warren, United States Army Medical Research Institute of Infectious Diseases (USAMRIID), USA

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16:50	Ongoing Development of ZMapp, a Monoclonal Antibody Cocktail Dr. Larry Zeitlin, Mapp Biopharmaceutical Inc, USA
17:15	<i>Selected Oral abstract:</i> Human Monoclonal Antibodies from Sierra Leonean Ebola Survivors that Differentially Neutralize Ebola Virus Variants Dr. Robert Cross, Galveston National Laboratory, USA
17:30	<i>Selected Oral Abstract:</i> One Gene-Two Proteins: Structures of sGP, the Major Ebolavirus Antigen Targeted by Protective Antibodies Dr. Charles Murin, The Scripps Research Institute, USA
17:45	Science in a Crisis: Clinical Trial Designs for Outbreaks Prof. Dr. Peter Horby, Nuffield Department of Medicine, Oxford University, UK
18:10	Discussion
18:30-20:15	<i>Belgian Beer Reception and Poster Viewing @ ITM, Campus Rochus</i>

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Day 4: 15 September 2016

58th ITM Colloquium @ ITM, Campus Rochus

08:30	Morning Coffee
09:00 – 12:30	Session 8: From Ebola to Zika: Lessons Learned Moderators: Prof. Dr. Bruno Gryseels, Belgium & Dr. Bea Vuylsteke, Belgium
09:00	Lessons Learned from 40 Years Ebola in DRC Prof. Dr. Jean-Jacques Muyembe, Institut National de Recherche Biomédicale (INRB), Democratic Republic of the Congo
09:20	Chikungunya, Dengue, Zika: The Latin American Response Prof. Dr. Jose Eduardo Gotuzzo Herencia, Instituto de Medicina Tropical (ITMAvH), Peru
09:40	Involving Communities in Vector Control for Dengue Prof. Dr. Jorge Perez, Instituto Pedro Kouri (IPK), Cuba
10:00	Outbreaks in Cambodia, Clinical Experiences Dr. Thai Sopheak, Sihanouk Hospital Center of HOPE (SHCH), Cambodia
10:20-10:50	<i>Coffee Break & Poster Viewing</i>
10:50	Transmission of Leishmania Donovanii in the Hills of Eastern Nepal, an Outbreak Investigation in Okhaldhunga and Bhojpur Districts Prof. Dr. Surandra Uranw, BP Koirala Institute of Health Sciences (BPKIHS), Nepal
11:10	Public Health Impact of the Recent Ebola Outbreak in West Africa Dr. Alexandre Delamou, ITM & Université Libre de Bruxelles, Belgium
11:30	Presenting GOARN: The Global Outbreak Alert and Response Dr. Bea Vuylsteke, ITM, Belgium
11:50	Discussion
12:30	<i>End of conference & light lunch</i>