



Infectious Diseases: Past, Present, and Future

EMBL SCIENCE AND SOCIETY CONFERENCE

We have moved our website to embl.org/events. The content below is no longer being updated.

EMBL Courses and Conferences during the Coronavirus pandemic

With the onsite programme paused, many of our events are now being offered in virtual formats.

Registration is open as usual for many events, with back-up plans in place to move further courses and conferences online as necessary. Registration fees for any events affected by the COVID-19 disruption are fully refundable.

More information for participants of events at EMBL Heidelberg can be found [here](#).

Programme

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Day 1 - Thursday 15 November 2018

Time	Speaker
11:15 – 13:00	Arrival / Registration with light refreshments
13:00 – 13:15	Welcome address and introduction Iain Mattaj, Director General, EMBL Heidelberg Halldór Stefánsson, Science and Society Programme Manager, EMBL Heidelberg
13:15 – 15:40	Session 1 - Epidemics in human history Chair: Michele Garfinkel, EMBO

Time	Speaker
13:15 – 13:50	Man's best friend, or a rabid menace? The evolution of infectious disease Steve Jones, University College London
13:50 – 14:25	The archaeology of microbes Christina Warinner, Max Planck Institute for the Science of Human History
14:25 – 15:00	1918 to 2018: A hundred years of flu pandemics Kanta Subbarao, The University of Melbourne
15:00 – 15:40	Panel discussion (All the speakers from Session 1 as panelists)
15:40 – 16:10	Coffee break and Meet the Speakers with Steve Jones, Christina Warinner, Kanta Subbarao
16:10 – 18:35	Session 2 - Infectious diseases: Major threats of our times Chair: Nassos Typas, EMBL Heidelberg
16:10 – 16:45	Polio, HIV, Bird flu and Zika: Where are we now and what can we expect? Hans-Georg Kräusslich, Heidelberg University Hospital
16:45 – 17:20	Antimicrobial development: A problem of science, economics and public policy Don Ganem, Novartis Institutes for BioMedical Research
17:20 – 17:55	Antibiotics, dysmaturity of the early life microbiome, and long-term consequences Martin J. Blaser, NYU School of Medicine
17:55 – 18:35	Panel discussion (All the speakers from Session 2 as panelists)
18:35 – 19:00	Apéritif and Meet the Speakers with Hans-Georg Kräusslich, Don Ganem, Martin J. Blaser
19:00 – 21:00	Conference Dinner in EMBL Canteen

Day 2 - Friday 16 November 2018

Time	Speaker
09:00 – 10:30	Session 3 - Vaccines: Public perceptions and misconceptions Chair: Halldór Stefánsson, EMBL Heidelberg

Time	Speaker
09:00 – 09:35	New directions in communicating epidemics Erika Check Hayden, University of California, Santa Cruz
09:35 – 10:10	Fake news and vaccine scares – How science denial can kill and what we can do Cornelia Betsch, University of Erfurt
10:10 – 10:30	Panel discussion (All the speakers from Session 3 as panelists)
10:30 – 10:50	Coffee break and Meet the Speakers with Cornelia Betsch, Erika Check Hayden, Jennifer Gardy, Till Bärnighausen, Piers Millett
10:50 – 13:00	Session 4 - Public health, diseases of poverty, and biosecurity Chair: Claire Standley, Georgetown University
10:50 – 11:25	The open-source outbreak: How might data prevent the next pandemic? Jennifer Gardy, The University of British Columbia
11:25 – 12:00	The impact of interventions on health and social welfare Till Bärnighausen, Heidelberg University Hospital
12:00 – 12:35	Biosecurity, synthetic biology and emerging infectious disease Piers Millett, iGEM Foundation
12:35 – 13:00	Panel discussion (All the speakers from Session 4 as panelists)
13:00 – 13:05	Closing remarks
13:05 – 13:35	Packed lunch and departures