

Scientific Programme

Plenary Sessions

Timing	Speaker	Topic
9.20 – 10 am	Prof Michael Emch	Landscape Genetics of Infectious Diseases: Avian Influenza Epidemiology and Malaria Vaccine Evaluation Case Studies
10.35 – 11.15 am	Prof Ming-Hsiang Tsou	Big Data Analytics for Outbreak Surveillance: Using Social Media, Smart Phones, Census, and Surveys, to Monitor Flu and COVID-19 Outbreaks.
1.45 – 2.25 pm	Prof Navneet Dhand	Application of One Health approaches to improve animal and human health
4 – 4.40 pm	Prof Wen Tzai Hung	Modeling Spatial-temporal Transmissibility of Epidemics

Timing	Speaker	Topic
Domain: Environmental / Integrative Health		
11.15 – 11.45 am	Prof Ryan Chisholm	Mechanistic modelling of dengue transmission in Singapore
11.45 am – 12.15 pm	Prof Yann Boucher	Emergence of novel pathogens through human contact with aquatic environments
Domain: Animal-Human Health		
2.25 – 2.55 pm	Prof. Joerg Henning	One-health and subsistence farming in developing countries
Domain: Human Health		
4.40 – 5.10 pm	Dr. Roderick Embuido	MSF Indonesia COVID-19 Response
5.10 – 5.40 pm	Dr. Vipat Kuruchittham	Let's Unite to Stop Future Pandemics: the Role of Universities

Abstracts Presentation

Presenter	Presenting Track	Presenting Abstract Title
Ms. Shreya Khandelwal	Vector-Borne Diseases	Machine Learning Algorithms for Predicting the Force of Infection of Japanese Encephalitis
Mrs. Randa Bazzi	Anti-microbial Resistance	Evaluating the veterinarian role in one health approach at antimicrobial resistance perspectives, Jordan
Mr. Nameer Ali	One Health Training & Education	Sex-based Variations in Clinical Manifestations, Co-morbidities, and Outcome of COVID-19 Patients in Baghdad, Iraq, 2020
Dr. Wei Luo	One Health Training & Education	Effective strategies to promote HIV self-testing for men who have sex with men: Evidence from a mathematical model
Mr. Edward Annand	One Health Training & Education	Horses as Sentinels for Emerging Infectious Disease Research Discovery (2021) of a variant genotype of Hendra virus (HeVg2) affording prospective spillover detection (2021) and revision of geographical spillover risk.