Scientific Program



19th World Congress

Virology, Emerging Diseases & Vaccines

May 16-17, 2024 Rome, Italy

Sponsors & Event Partners

Abbott

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DAY-1

May 16, 2024

Meeting Hall

08:30-09:00 Registrations

Opening Ceremony 09:00-09:30

Keynote Forum

09:30-09:40 Introduction

09:40-10:25 Title: Assessment of the availability of public health veterinary services towards rabies
Loide N Efraim, University of Namibia

10:25-11:00 Title: Controlling inflammation during respiratory virus infection
Saurabh Chattopadhyay, University Of Kentucky College Of Medicine, United States

Group photo

Network & Refreshment Break 11:00-11:20

11:20-12:00 Title: Isolation and full genomic characterization of G9 group: A rotavirus in China
Ahmed Hamdy Ghonaim, Huazhong Agricultural University, China

Sessions: Molecular virology| Viral replication mechanisms| Viral genome structure and function| Host-virus interactions| Viral evolution and phylogenetic| Diagnosis of viral infections| Antiviral therapies| Vaccine development and strategies| Epidemiology of viral diseases| Emerging viral infections

Chair: Sam Vaknin, California Miramar University, North Macedonia

12:00-12:30 Title: Antiretroviral resistance among HIV-infected patients in the upper southern region of Thailand
Siwimol Phoomniyom, The Office Of Prevention And Disease Control 11th Region, Thailand

12:30-13:00 Title: Artificial Intelligence (AI), Machine Learning and Computstion in Virology
Alpha Lee, University of Cambridge Michael F. Hagan

13:00-14:30 Title: Virus- host Interactions: Structural Virology, Innate antiviral Immunity , and more
Linda Saif, The Ohio State University Megan Baldridge

Lunch Break 13:30-14:30 @ Restaurant

14:30-15:00 Title: Plasminogen activator urokinase interacts with the fusion protein and antagonizes the growth of Peste des petits ruminants virus
Gansu Province Research Center for Basic Disciplines of Pathogen Biology, Lanzhou, China

Online Presentations

15:00-15:20 Title: ICTV Virus Taxonomy Profile: Hadakaviridae 2023
Nobuhiro Suzuki, Okayama University

15:20-15:40 Title: Oncogenic viruses and host lipid metabolism: a new perspective
Bing Luo, USA

15:40-16:00 Title: Advances in understanding of the innate immune response to human norovirus infection using organoid models
Jan Vinjé, Viral Gastroenteritis Branch, Division of Viral Diseases, USA

16:00-16:20 Title: Targeted Profiling of Immunological Genes during Norovirus Replication in Human Intestinal Enteroids
Jenny C M Chan, the Chinese University of Hong Kong, Hong Kong, China

Network & Refreshment Break 16:20-16:40

16:40-17:00 Title: A VRC13-like bNAb response is associated with complex escape pathways in HIV-1 envelope
Todd M. Allen, Massachusetts General Hospital, Boston, Massachusetts, USA

17:00-17:20 Title: : Breast milk transmission and involvement of mammary glands in tick-borne flavivirus infected mice
Wanpo Zhang, College of Veterinary Medicine, Huazhong Agricultural University, Wuhan, China

17:20-17:40 Title: Disenfranchised DNA: biochemical analysis of mutant øX174 DNA-binding proteins may further elucidate the evolutionary significance of the unessential packaging protein A*
Bentley A. Fane , The BIO5 Institute, University of Arizona, Tucson, Arizona, USA

17:40-18:00 Title: Selection and T-cell antigenicity of synthetic long peptides derived from SARS-CoV-2
Peter Lawrence Smith, St Georges University of London

CONCLUSION

DAY-2

May 24, 20224

Meeting Hall

Sessions: Genomic sequencing of viruses| Computational virology| Viral metagenomics| Viral bioinformatics tools and databases| Environmental virology| Viral diversity and ecology| Evolutionary dynamics of viruses| Zoonotic transmission and spill over event| Vaccine design and development| Immunization strategies| Vaccine efficacy and safety| Immunological responses to viral vaccines

To be updated…

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VIROLOGY CONGRESS 2024

THANK YOU FOR ATTENDING!



Keep an eye out for the next Virology Conference.