

18 September-Friday

8.30-10.00

SESSION 7

Advances in HIV and Viral Hepatitis

Chairs: Kim Benschop, Vitor Duque

8.30-9.00

Keynote Lecture - HBV matters: Practical ART decision-making in HIV-HBV coinfection

Oana Sandulescu, Romania

9.00-10.00

Oral presentations (OP25 - OP28)

OP25 | Rat hepatitis E virus infection in cultured human and rat hepatocytes confirms a partial species barrier and distinct host responses

Siddharth Sridhar, Hong-Kong

OP26 | Adenovirus and AAV2-Associated Severe Hepatitis in Children Before 2022

Dimitrios Mourelatos, United Kingdom

OP27 | Double reflex testing reveals a still significant HDV burden in Europe and represents an effective strategy for earlier disease-stage diagnosis

Ilaria Grossi, Italy

OP28 | The Effect of Sample Transport and Storage Conditions in EDTA-Containing Gel Tubes on the Performance of Hepatitis B (HBV) and Human Immunodeficiency Virus (HIV) Nucleic Acid Tests During the Pre-analytical Process: A Preliminary Study

Muhammed Alper Özarslan, Turkey

10.00-10.30

Coffee break

10.30-11.30

Industry Symposium 4

Quality in Virological Diagnostics: Insights from External Quality Assessment and Resistance Testing

11.30-13.00

SESSION 8

Host-virus Interplay: Insights into Pathogenesis, Immunity and Cancer

Chairs: Elisabeth Puchhammer, Hugo Sousa

11.30-12.00

Keynote Lecture - Roles of Epstein-Barr virus in human diseases

Paul Farrell, United Kingdom

12.00-13.00

Oral presentations (OP29 - OP32)

OP29 | Cutavirus Across Borders: A Large-Scale Study in Malignant and Non-Malignant Tissues

Irini M. Assimakopoulou, Finland

OP30 | Expression of Human Endogenous Retroviruses in colorectal cancer patients

Maria Dolci, Italy

OP31 | Functional Roles of tRNA-Derived Small RNAs in Dengue Virus Infection

Bhupendra Kumar Verma, India

OP32 | How pandemic viruses Activate, Evade, and Exploit host immunity

Rayhane Nchioua, Germany

13.00-14.30

Lunch break and Poster Session 2

| ENPEN Meeting - Room A

14.30-16.00

SESSION 9

The Viral Combat: Antivirals, Antibodies, and Vaccines

Chairs: Annelies Brilman, Paulo Paixão

14.30-15.00

Keynote Lecture - Human intestinal and liver organoids: a window into enteric virus biology & drug discovery

Joana Rocha-Pereira, Belgium

15.00-16.00

Oral presentations (OP33 - OP36)

OP33 | Effectiveness of HPV vaccination in a population-based cervical screening programme: implications for cervical cancer elimination in Portugal

Hugo Sousa, Portugal

OP34 | Characterization of Potential Drug-resistance Mutations in the HSV-1 Thymidine Kinase

Hanna Schalkwijk, Belgium

OP35 | Improving Immune Responses In Avian IAV H5 Immunization By Sustained Antigen Release Technology

Sophie Winter, Finland

OP36 | Development of VHH anti-ACE2 to broadly inhibit SARS-CoV-2 infection

Anne Brelot, France

16.00-16.30

Lecture - **European Diagnostic Virology Award**

Presented by Annelies Brilman (ESCV 1st Vice-President)

Immune response against infection and vaccination in fragile patients

Irene Cassaniti, Italy

16.30-17.00

Coffee break

17.00-18.00

Industry Symposium 5

Preparing for Outbreaks: Molecular Solution for Seasonal and Emerging Viruses

18.00-19.30

SESSION 10

Genomic Strategies in Viral Diagnostics: Innovations and Challenges

Chairs: Marcus Panning, Vitor Borges

18.00-18.30

Keynote Lecture - **Implementing Viral Metagenomic Sequencing in Clinical Diagnostics: Validation and Experience**

Michael Huber, Switzerland

18.30-19.30

Oral presentations (OP37 - OP40)

OP37 | Respiratory Metagenomics in the UK National Health Service: A Prospective Multisite Observational Study

Luke Blagdon Snell , United Kingdom

OP38 | A three-year assessment of clinical metagenomics applied to complex diagnostic support in the Portuguese National Reference Laboratory

João Paulo Gomes, Portugal

OP39 | Feasibility of Monkeypox Virus Genome Sequencing from Antigen Rapid Diagnostic Tests to Enhance Decentralized Genomic Surveillance

Camille Escadafal, Switzerland

OP40 | Detection of Human Pegivirus by Clinical Metagenomics: Association with Neurological Presentations and Clinical Suspicion

Sonia Lacourt, France

19.30-19.45 ESCV General Assembly

20.00 Conference Dinner