

ESCV 2024 - SCIENTIFIC PROGRAMME

Time Slot	PLENARY HALL	PARALLEL HALL
SEPTEMBER 17, 2024 - TUESDAY		
Time Slot	PLENARY HALL	PARALLEL HALL
10:00 - 17:00		<p style="text-align: center;">ESCV PRE-CONFERENCE WORKSHOP</p> <p style="text-align: center;">Molecular Diagnostics: Harmonising Measurement for Patient Benefit</p> <p style="text-align: center;">For further details regarding the workshop programme and registration, please visit the Pre-Conference Workshop page on the Conference website.</p>
SEPTEMBER 18, 2024 - WEDNESDAY		
Time Slot	PLENARY HALL	PARALLEL HALL
13:30 - 14:30	<p style="text-align: center;">SCIENTIFIC SESSION 1: Enteric viruses & Neurovirology <i>Co-Chairs: Heli J. Harvala, Mario Hönemann</i></p> <p style="text-align: center;">Keynote Lecture: Enteroviruses - so much more than polio in the 21st century, Thea Fischer, Denmark</p> <p>Offered talk 1: One year of Europe-wide surveillance pilot for Enteroviral CNS infections, Caroline Klint Johannesen, Denmark</p> <p>Offered talk 2: Organotypic Intestinal Cultures as Promising Model for Personalized Antiviral Treatment in Immunocompromised Patients, Katja Wolthers, Netherlands</p> <p>Offered talk 3: Association between natural killer cell genetics and the development of Long COVID associated- and prepandemic small fiber neuropathy, Marianne Graninger, Austria</p>	
14:30 - 15:30	<p style="text-align: center;">SCIENTIFIC SESSION 2: Pandemic preparedness and health services research <i>Co-Chairs: Loraine Busetto, Jonas Schmidt-Chanasit</i></p> <p style="text-align: center;">Keynote Lecture: Pandemic preparedness and health services research, Richard Pebody, UK</p> <p>Offered talk 4: Unlocking the full potential of wastewater-based epidemiology for pandemic preparedness: realistic quality assurance measures for the reliable detection of circulating and emerging viruses in wastewater, Marek Widera, Germany</p> <p>Offered talk 5: Guess who's back: The resurgence of Measles virus infection in the United Kingdom's West Midlands region, Andrew Bosworth, United Kingdom</p> <p>Offered talk 6: Wastewater Surveillance Aids Real-time Tracking of Community Transmission of SARS-CoV-2 and Influenza, Debasis Biswas, India</p>	
15:30 - 16:00	COFFEE BREAK	
16:00 - 17:30	<p style="text-align: center;">SCIENTIFIC SESSION 3: Respiratory viruses <i>Co-Chairs: Catherine Moore, Denisa Bojkova</i></p> <p style="text-align: center;">Keynote Lecture: Emerging viruses - when public health, diagnostics and translational research meets, Isabella Eckerte, Switzerland</p> <p>Offered talk 7: Characterization of RSV full-length viral genomes after Nirsevimab breakthrough infections in a large national observational real-world study conducted in France, Marie Anne Rameix Welti, France</p> <p>Offered talk 8: Age- and cell-type-specific metabolic programming shapes respiratory and systemic immune responses against the Influenza A virus, Malke Willers, Germany</p> <p>Offered talk 9: Characterization of antigenic relations of SARS-CoV-2 variants and population immunity using antigenic cartography, Janine Kimpel, Austria</p> <p>Offered talk 10: The role of RSV viral load and co-infection on disease severity in a very large cohort of paediatric patients, Rossana Scutari, Italy</p> <p>Offered talk 11: Coronaviruses impair resolution phase in monocytes via aberrant interferon signalling, Joshua D Kandler, Germany</p>	
17:30 - 18:00	Opening Ceremony	
18:00 - 19:00	WELCOME RECEPTION	

SEPTEMBER 19, 2024 - THURSDAY		
Time Slot	PLENARY HALL	PARALLEL HALL
08:30 – 10:00	<p>SCIENTIFIC SESSION 4: Viromics and virus discovery Co-Chairs: <i>Tuna Toptan-Grabmair, Jutte J.C. de Vries</i></p> <p>Keynote Lecture: Are there any more human cancer viruses left to be found? <i>Patrick Moore, US</i></p> <p>Offered talk 12: Multicenter benchmarking of short and long read wet lab protocols for clinical viral metagenomics, <i>Xavier Lopez-Labrador, Spain</i></p> <p>Offered talk 13: Tracing the origin, spread and molecular evolution of Dengue type 1 cases occurred in Northern Italy in 2023, <i>Greta Romano, Italy</i></p> <p>Offered talk 14: Metagenomic and transcriptomic investigation of paediatric acute liver failure cases, <i>Jutte J.C. De Vries, Netherlands</i></p> <p>Offered talk 15: Evaluating metagenomics and targeted approaches for diagnosis and surveillance of viruses, <i>Oscar Enrique Torres Montaguth, United Kingdom</i></p> <p>Offered talk 16: Detection of clinically relevant viral pathogens using antibody capture and metagenomic sequencing, <i>Leonard Schuele, Netherlands</i></p>	
10:00 – 10:30	COFFEE BREAK	
10:30 – 12:00	<p>SCIENTIFIC SESSION 5: Viral infections in immunocompromised patients Co-Chairs: <i>George Sourvinos, Holger Rabenau</i></p> <p>Gardner Lecture: Viruses, Cancer and Immunocompromised Hosts, <i>Hans Hirsch, Switzerland</i></p> <p>Offered talk 17: HCMV-specific T-cell response as a tool for predicting late HCMV reactivation in hematopoietic stem cell transplant recipients after letermovir prophylaxis, <i>Irene Cassaniti, Italy</i></p> <p>Offered talk 18: Characterization of the Blood Virome in Liver Transplant Patients, <i>Alessandra Franze, Spain</i></p> <p>Offered talk 19: Intraindividual evolution of noroviral sequences during protracted infections, <i>Dieter Hoffmann, Germany</i></p> <p>Offered talk 20: Viral infections in Stem Cell Transplant recipients with posttransplant lymphoproliferative disorder: Torque Teno Virus as a marker of immune function, <i>Martyna Sylwia Pociupany, Belgium</i></p> <p>Offered talk 21: Investigating nosocomial BK Polyomavirus infections in paediatric hematopoietic stem cell transplantation recipients: challenges and prospects, <i>Aurélien Aubry, France</i></p>	
12:00 – 13:30	LUNCH BREAK	
	12:30 - 13:30 INDUSTRY SYMPOSIUM 1	12:30 - 13:30 ESCV Council Meeting
13:30 – 15:00	<p>SCIENTIFIC SESSION 6: Advancements in diagnostics & Clinical cases Co-Chairs: <i>Marcus Panning, Benjamin Marx</i></p> <p>Keynote Lecture: Innovative diagnostic approaches towards persistent viruses and associated diseases, <i>Elisabeth Puchhammer-Stöckl, Austria</i></p> <p>Offered talk 22: Transient biopsy-proven progressive multifocal leukoencephalopathy-immune reconstitution inflammatory syndrome in an elderly woman without known immunodeficiency, <i>Christine Hanssen Rinaldo, Norway</i></p> <p>Offered talk 23: National-scale environmental and clinical surveillance of Poliovirus strains using novel quantitative PCR assays, <i>Oran Erster, Israel</i></p> <p>Offered talk 24: Genomic studies of adeno-associated virus hepatitis, <i>Sarah Buddle, United Kingdom</i></p> <p>Offered talk 25: Impact of inherited human herpesvirus 6 in transplantation, <i>Leo Hannolainen, Finland</i></p> <p>Offered talk 26: A Novel Next Generation Sequencing Approach for Detecting Antiviral Resistance Mutations in Cytomegalovirus, <i>Maria Arnedo Muñoz, Spain</i></p>	
15:00 – 15:30	COFFEE BREAK	

<p>15:30 – 17:00</p>	<p>SCIENTIFIC SESSION 7: Diagnostic stewardship and test accuracy <i>Co-Chairs: Benjamin Pinsky, Niko Kohmer</i></p> <p>Keynote Lecture: Diagnostic Stewardship in Clinical Virology as Strategy! Hubert G.M. Niesters, Netherlands</p> <p>Offered talk 27: Performance of a novel dual marker RT-qPCR- based whole-blood assay for the detection of SARS-CoV-2-reactive T cells, Franziska M. Kanis, Germany</p> <p>Offered talk 28: Are we using syndromic meningitis testing rationally? Five-year experience of a university hospital laboratory, Zeynep Ceren Karahan, Turkey</p> <p>Offered talk 29: Prospective comparison of cytomegalovirus quantification in whole blood and plasma samples among hematopoietic stem cell transplant and kidney transplant recipients, Linda Feghou, France</p> <p>Offered talk 30: Dengue virus shedding kinetics in body fluids of infected patients, Rome, Italy, 2018-2023, Giulia Matusali, Italy</p> <p>Offered talk 31: Diagnosing acute Epstein-Barr Virus infections: do all roads lead to Rome? Jos Van Acker, Belgium</p>	
<p>17:00 - 18:00</p>		<p>ENNGS Meeting</p>
<p>17:00 - 19:00</p>	<p>POSTER SESSION 1</p>	

SEPTEMBER 20, 2024 - FRIDAY		
Time Slot	PLENARY HALL	PARALLEL HALL
08:30 – 10:00	<p>SCIENTIFIC SESSION 8: Development of new antiviral strategies <i>Co-Chairs: Maria São José Alexandre, Sandra Ciesek</i></p> <p>Keynote Lecture: Development of antiviral inhibitors of low molecular weight targeting the frameshift element of SARS-CoV-2, Harald Schwalbe, Germany</p> <p>Offered talk 32: Safety, tolerability and immunogenicity of PRV-101, a multivalent vaccine targeting coxsackie B viruses associated with type 1 diabetes: a double-blind randomised placebo-controlled Phase 1 trial, Heikki Hyoty, Finland</p> <p>Offered talk 33: Development and characterisation of a novel SARS-CoV-2 macrodomain (Mac1) targeting inhibitor, Susanne Pfefferte, Germany</p> <p>Offered talk 34: Prevention of BK virus DNAemia by IVIG administration in at-risk kidney transplant recipients, Morgane Solis, France</p> <p>Offered talk 35: A randomised controlled trial of hypertonic saline nose drops in children with upper respiratory tract infection (ELVIS-Kids), Sandeep Ramalingam, United Kingdom</p> <p>Offered talk 36: Emerging host-targets for anti-mpx therapy, Denisa Bojkova, Germany</p>	
10:00 – 10:30	COFFEE BREAK	
10:30 – 12:00	<p>SCIENTIFIC SESSION 9: Immune response and viral vaccines <i>Co-Chairs: Mariet C.W. Feltkamp, Daniela Huzly</i></p> <p>Keynote Lecture: Human Papillomavirus immunisation and the path to cervical cancer elimination? Kate Cuschieri, UK</p> <p>Offered talk 37: T-cell immunity to a conserved coronavirus epitope correlates with improved outcome of SARS-CoV-2 infection, David M. Florian, Austria</p> <p>Offered talk 38: IL-12 is a key responsive element to corticosteroid treatment in COVID-19, Benedikt Strunz, Sweden</p> <p>Offered talk 39: Specific long-term changes in anti-SARS-CoV-2 IgG modifications and antibody functions in mRNA, adenovector, and protein subunit vaccines, Sebastian Reinig, Taiwan</p> <p>Offered talk 40: Individual T-cell Cytokine patterns and B-cell reactions after HPV vaccination elucidated by multi-colour EliSpot, Rosemarie Preyer, Germany</p> <p>Offered talk 41: A Combined Cross-Sectional Analysis and Case-Control Study Evaluating Tick-Borne Encephalitis Vaccination Coverage, Disease and Vaccine Effectiveness in Children 0-17 in Switzerland, 2005-2022, Kyra Zens, Switzerland</p>	
	LUNCH BREAK	
12:00 – 13:30	12:30 - 13:30 INDUSTRY SYMPOSIUM 2	
	POSTER SESSION 2	
13:30 – 15:00	<p>SCIENTIFIC SESSION 10: Viral infections in pregnancy <i>Co-Chairs: Pamela J. Vallety, Annemarie Berger</i></p> <p>Keynote Lecture: Cytomegalovirus infection screening in pregnancy how far are we? Marianne Leurez-Ville, France</p> <p>Offered talk 42: Sequelae of congenital cytomegalovirus following maternal primary infections are limited to those acquired before 12 weeks, Jacques Fourgeaud, France</p> <p>Offered talk 43: Universal neonatal screening for congenital Cytomegalovirus, nine years after implementation and still going strong, Jos Van Acker, Belgium</p> <p>Offered talk 44: Exploring the urinary metabolomic fingerprint of human cytomegalovirus: a 1H-NMR study on congenitally infected newborns, Valentina Delloste, Italy</p> <p>Offered talk 45: Pichinde virus infection of pregnant guinea pigs as a comparative model of human Lassa virus infection during pregnancy, Hinh Ly, United States</p> <p>Offered talk 46: Valacyclovir in Pregnancy To Prevent and Treat Congenital Cytomegalovirus Infection: Results from a Large Tertiary Care Hospital in Rome. Rosaria Santangelo, Italy</p>	
15:00 – 15:30	COFFEE BREAK	

<p>15:30 – 17:00</p>	<p>SCIENTIFIC SESSION 11: Emerging and re-emerging viral infections & One health <i>Co-Chairs: Elisabeth Puchhammer-Stöckl, Katharina Grikscheit</i></p> <p>Keynote Lecture: A virologist's lookback on COVID-19, Christian Drosten, Germany</p> <p>Offered talk 47: High West Nile virus infection rates in mosquitoes from Berlin, 2023, Corinna Patzina Mehling, Germany</p> <p>Offered talk 48: In-depth model-based clustering analysis of symptomatic dengue cases in different serotype infections: A cross-sectional study on a tertiary care hospital of northern India, Gaurav Badoni, India</p> <p>Offered talk 49: Seroprevalence and vaccination coverage of tick-borne encephalitis in Sweden, Bo Albinsson, Sweden</p> <p>Offered talk 50: Identifying gaps in population immunity in light of large measles outbreaks in Austria in 2023 and 2024, David Niklas Springer, Austria</p> <p>Offered talk 51: Comparison of neutralizing and binding antibodies levels against different orthopoxviruses in mpox patients and healthy vaccinated individuals, Concetta Castilletti, Italy</p>	
<p>17:00 -18:00</p>	<p>TWIV with Vincent Racaniello <i>Chair: Heli J. Harvala</i></p> <p>Vincent Racaniello, USA</p>	<p>ENPEN Meeting</p>
<p>18:00 - 18:30</p>	<p>ESCV GENERAL ASSEMBLY</p>	
<p>19:30 – 23:00</p>	<p>CONFERENCE NETWORKING DINNER</p>	

SEPTEMBER 21, 2024 - SATURDAY		
Time Slot	PLENARY HALL	PARALLEL HALL
09:00 - 10:30	<p>SCIENTIFIC SESSION 12: Hepatitis viruses and HIV <i>Co-Chairs: Xavier López Labrador, Marek Widera</i></p> <p>Keynote Lecture: Hepatitis D Virus infection; present status, Mario Rizzetto, Italy</p> <p>Offered talk 52: HDV infection in the UK, Will Irving, United Kingdom</p> <p>Offered talk 53: HIV-2 infections in Southern France and genotypic assessment through genome next generation sequencing, Philippe Colson, France</p> <p>Offered talk 54: Heterogeneity in the diagnostic performances of HDV RNA quantification assays used in clinical practice in Italy: data from the first national quality control multicenter study, Romina Salpini, Italy</p> <p>Offered talk 55: Large Hepatitis E virus Genotype 3 outbreak in New Caledonia Island, Florence Abravanel, France</p> <p>Offered talk 56: Evaluation of a Sanger sequencing-based kit for genotyping drug resistance mutations in various HIV-1 subtypes using clinical and analytical samples, Ontlametse T Bareng, Austria</p>	
10:30 - 11:00	COFFEE BREAK	
11:00 - 12:30	<p>SCIENTIFIC SESSION 13: Prizes session <i>Co-Chairs: Maria São José Alexandre, Pamela J. Vallely</i></p> <p>Biomérieux Award Lecture: The good and the bad; update on polyoma- and anelloviruses, Mariet Feltkamp, Netherlands</p> <p>Abbott Award Lecture: Metagenomics for the diagnosis of infection, Julianne Brown, UK</p> <p>Heine -Medin Award Lecture: From Endemic to Pandemic: The promise and realization of real-time phylogenetics, Emma Hodcroft, Switzerland</p> <p>Offered talk 57: Genomic diversity of cytomegalovirus in congenital infections in France, Jacques Fourgeaud, France</p>	
12:30 - 13:00	CLOSING REMARKS & HANDOVER TO ESCV 2025	