

Viruses

2026
Conference

Viruses 2026 – New Horizons in Virology

List of Posters

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MDPI 30

Poster Session A

Thursday, 12 March 2026 (13:00–14:30, 16:00–16:45)

Session	Number	Author	Title
A	1	Florencia Meyer	Large-scale survey of the bovine upper-respiratory metatranscriptome underscores the complex etiology of bovine respiratory disease.
A	2	Alessandra Rossetto	Monocyte-Based Transport of HSV-1 Oncolytic Viruses for Enhanced Acute Myeloid Leukemia Targeting
A	3	Patricija Klibavičė	Prevalence and serological testing of diseases in Lithuanian goat population
A	4	Gordon Wong	Simple, Rapid, Chemical-Free Concentration of Bacteriophages from Anaerobic Digestion Sludge and the Impact of Cold Storage on Viral Community Composition
A	5	Carolina Johnstone	Concern for highly pathogenic avian influenza spillover into cetaceans
A	6	Esther Forkuo Agyemang	A comprehensive systematic review and bibliometric analysis of Antimicrobial resistance research: Under the One Health concept
A	7	Miriam Quaye	Understanding health professionals' compliance with Antimicrobial Steward Programs (AMS) in Ghana: An application of the theory of planned behavior
A	8	Anna Rutmane	A Comparative Study of Mayaro Virus TRVL and BeAr Strains
A	9	Eyerusalem Mulugeta	Genome Wide Diversity and Evolutionary Insights into Newcastle Disease Virus
A	10	Antonio Gabriel Casariego Moreira	Entomopathogenic potential of isolated baculovirus from natural populations of true armyworm (<i>Mythimna unipuncta</i> Haworth, 1809) in Northern Spain
A	11	Urška Kuhar	Coronavirus surveillance in Eurasian passerines reveals deltacoronaviruses in Eurasian Tree Sparrows
A	12	Yvonne Klöpfer	Assay Scale Compatibility and Analytical Funnel Design for High-Throughput Evaluation of VSV Replication

A	13	Sok Song	Comparative Patterns of Virucidal Responses among Major Transboundary Animal Disease Viruses under Multivariate Disinfectant Conditions
A	14	Marília Mazzi Moraes	EVALUATION OF DIFFERENT INFECTION OUTCOMES IN AG129 MICE INFECTED WITH CHIKUNGUNYA VIRUS
A	15	Annie Wen	Structured RNA Elements Drive Poly(A)-Independent Stability and Translation of Lassa Virus mRNAs
A	16	Erik Cazares	Dual-Approach Pathogen Surveillance in Rodents from Four-Corners USA: Serological and Genomic Strategies for Early Threat Detection
A	17	Leo Graves	Development and optimisation of a diagnostic IgG ELISA against Crimean-Congo Haemorrhagic Fever virus
A	18	Binhua Ling	Targeting N-glycosylation to restore CD8+ T cell function in virally-suppressed SIV infection
A	19	Eriazmin Bustamante Sanjuan	Antiviral Potential of Opuntia sp. Compounds Against Influenza A: Bioinformatic Analysis and In Vitro Evaluation
A	20	Csaba Lászlófy	COVID-19 Vaccination Decreases the Rate of gingivostomatitis herpetica
A	21	Cintia Magalhães	Silymarin improves arthritis and myositis in a murine model of acute infection by Chikungunya and Mayaro viruses
A	22	Cintia Magalhães	Antiviral mechanisms of a glycosylated lignan isolated from Phyllanthus brasiliensis against Chikungunya virus
A	23	Chia-Chyi Liu	Enhanced production of recombinant coxsackievirus A16 using a serum-free HEK293A suspension culture system for bivalent enterovirus vaccine development
A	24	Ana Espino	Persistent class switch toward spike-specific IgG4 antibodies after repeated SARS-CoV-2 mRNA vaccination in post-acute infection syndrome: an exploratory cohort study
A	25	Sandra Franco	Lamivudine decreases a type I interferon cellular signature linked to viral sensing in people with mild cognitive impairment
A	26	Aya Shamal Al-Muffti	Impact of modified mRNA and Spike Protein on Macrophage Polarization, Cytokine Induction, and Phagocytic Function
A	27	Shannon Hentschel	Development of a Cross-Clade Neutralizing Antibody Cocktail for Lassa Virus

A	28	Iana Haralambieva	Similar memory B and T cell responses in recipients of two different 2023 COVID-19 mRNA vaccine formulations with a restricted SARS-CoV-2 BA.2.86-specific MBC response
A	29	Abdus Samad	Mechanistic Insights into the SARS-CoV-2 Nucleocapsid Protein: Structure, Dynamics, and Inhibitors Screening through In Silico and In Vitro Strategies
A	30	Júlia Amaral Vieira d'Almeida	Metal Complexation Enhances Amantadine-Derived Schiff Base Inhibition of Zika Virus
A	31	Estefania Maza Lara	Evaluation of the Antiviral Potential of Carica papaya Leaf Extracts Against Dengue Virus
A	32	Martha Susana García Delgado	Allium sativum bioprospection reveals a potential anti-Sars-Cov-2 cell-entry inhibitor
A	33	Aouachria Assia	Seroprevalence of Anti-SARS-CoV-2 Antibodies among Healthcare Workers in Africa: A Systematic Review and Meta-Analysis
A	34	Boglarka Anna Vamos	Degradation of nucleoproteins by TRIM21 based synthetic restriction factors
A	35	Darío López-García	The interferon induced protein 27 (IFI27) is a positive regulator of PACT-dependent PKR activation
A	36	Jordi Exposito Trivino	Uncovering APOBEC3G regulation upon SARS-CoV-2 infection
A	37	Wendy Paola Alvarez Leal	Mapping the Protein Domains Required for the Antiviral Activity of Schlafen 14.
A	38	Lilli Pottkämper	Viral and host determinants of hepatitis E virus genotype 1 replication
A	39	Roxana Garcia	Characterization of the Antiviral Activity of Murine Schlafen Proteins Against West Nile Virus
A	40	Eric Poeschla	ADAR1 heterozygosity sustains health in the picornaviral RdRp-transgenic model of stringently antiviral constitutive MDA5 activation

Poster Session B

Friday, 13 March 2026 (10:45-11:30, 13:00-14:45)

Session	Number	Author	Title
B	1	Paola N. Loperena González	The role of host fatty acid synthase in Mayaro virus replication
B	2	Anne-Laure Favier	Exploring the native poxvirus structure in BioSafety level 3
B	3	Therese Marie Collantes	Functional Roles of Bovine Herpesvirus 1 Tegument Protein UL37 in Intracellular Capsid Transport and Innate Immune Regulation
B	4	Sergio López-Núñez	A distal RNA-RNA contact involving a functional pseudoknot in the 3'-untranslated region of sarbecoviruses
B	5	Nastaran Savar	Molecular Crosstalk Between Autophagy and the Formation of SARS-CoV-2 Replication Organelles
B	6	Behnaz Mirzaei Behbahani	Identification of key structural elements of immunomodulatory proteins - inhibitors of antigenic peptide transporter (TAP) encoded by CowPox Herpesvirus
B	7	Guido Papa	Decoding the biology of viral replication factories using protein degradation technologies
B	8	Francesca Palma	The phleboviruses Sandfly Fever Naples virus and Toscana virus uncouple the RNase and kinase activity of IRE-1
B	9	Susana Guix	Vectorial release of novel MLB Human Astrovirus in polarized intestinal enteroids in association with extracellular vesicles
B	10	Krzysztof Piotr Michalak	Are Partial Lytic States Stable Attractors? A Nonlinear Model of Epstein-Barr Virus Persistence
B	11	Richard Sutton	ccr5 mRNA 3'-UTR binds multiple protein factors, causing down-regulation of CCR5 gene expression
B	12	Marcio De Avila Arias	The MEK–ERK1/2 Signaling Axis as a Multi-Stage Host Dependency Factor for Respiratory Syncytial Virus Replication in Primary Human Airway Epithelia
B	13	Mohammad Alkhamis	Multi-algorithm Machine Learning Uncovers Complex Interactions between Ecological and Host Factors that Drive Patterns of Avian Influenza Spatial Risk Across Eurasia and North Africa

B	14	Benedetta Giuliani	Single spike mutation differentiating XBB.1 and XBB.1.5 enhances SARS-CoV-2 cell-to-cell transmission and facilitates serum-mediated enhancement
B	15	Elena Criscuolo	Dissecting HSV-1 latency and reactivation: a reporter-based approach to neuronal communication and protein aggregation
B	16	Monica Roth	Differential functions of alternative conformational states of the SLC35F2 retroviral receptor.
B	17	Beatrice Pani	Impact of SARS-CoV-2 variants on genome integrity and their involvement in inflammation
B	18	Elias Rahal	Inhibition of Endosomal Toll-Like Receptors Ameliorates the Severity of Epstein-Barr Virus DNA-Exacerbated Arthritis in a Mouse Model
B	19	Michelle Jagst	Role of peroxisomes in the replication cycle of Hepatitis E virus
B	20	Jule Alina Russow	Elucidating the role of long non-coding RNAs during coronavirus infection and immune control
B	21	Emely Richter	Hepatitis E virus entry requires the cholesterol transporter Niemann–Pick C1
B	22	Sébastien Lhomme	Host-Interferon-Stimulated Gene Response to Virus-Host Recombinant Variants of Hepatitis E Virus and Enhanced Viral Replication
B	23	Urtzi Garaigorta	The Ku70/Ku80 heterodimer limits viral episomal transcriptional template accumulation
B	24	Prishanta Chinna	Assessment of gammaherpesvirus infection dynamics and associated tumorigenesis in the context of Covid-19 infection.
B	25	Shaolei Teng	Computational and Experimental Discovery of hACE2 Peptides Targeting SARS-CoV-2 Spike Binding
B	26	Andrew Davidson	Investigating the impact of SARS-CoV-2 lineage defining mutations outside of the Spike on replication and the host innate immune response
B	27	Mara Klöhn	N6-methyladenosine modifications regulate hepatitis E virus infections
B	28	Yesit Bello Lemus	Evaluation of the effect of Epstein–Barr virus (EBV) infection on the modulation of the autoimmune response in peripheral blood mononuclear cells from patients with systemic lupus erythematosus.

B	29	Emilly Sion	Commensal Bacteria Modulate Toll-like Receptors -3 and -7 Responses towards Human Norovirus Virus-Like Particles Infection in Microfold Cells 3D Alcart Model
B	30	Paula Gil-Cortés	Unveiling the interactome of African swine fever virus Entry-Fusion complex proteins and infection mechanisms
B	31	Jennifer Risso Ballester	Integrated multi-omics analysis to identify host factors and pathways controlling RSV infection
B	32	Mélanie Messmer	DEAD box RNA helicase 5 is a new pro-viral host factor for Sindbis virus infection
B	33	Saken Khaidarov	The small genome viruses and big genome viruses- interaction and their competitive nature
B	34	Marta L. DeDiego	OAS1 and OAS3 enhance inflammatory responses to SARS-CoV-2
B	35	Kei Sato	Virological characteristics of SARS-CoV-2-related coronaviruses dynamically circulating in Southeast Asia
B	36	Carolina Johnstone	RISK OF FIBROPAILOMATOSIS DISEASE SPREAD TO MEDITERRANEAN SEA TURTLES
B	37	Anna Puigdemívol-Sánchez	Increased Thrombosis Following the COVID-19 Pandemic
B	38	Tamara Mangiaterra	Impact of EBV on Genetic Mutations in DLBCL: A Study Employing Conventional and High-Sensitivity Detection Methods in a Cohort from Argentina
B	39	Andrea Menéndez-Manjón	Genomic stability and microsatellite variation in the recombinant Myxoma virus after its species jump to the Iberian hare (<i>Lepus granatensis</i>)
B	40	Carmen Rita Piazza	SARS-CoV-2 Variants: Pathogenicity and Host Immune Response in K18-hACE2 mice