

Viruses2022 List of Posters

Poster Session I – Tuesday, 5 April 2022; 18:05-19:20h CEST

Author Surname	Author Name	Submission Id	Title
Almendral	Jose	sciforum-058334	A mouse parvovirus infecting human glioblastoma stem cells with patient-specific p53 deregulations.
Álvarez-Rodríguez	Beatriz	sciforum-058185	A global understanding of how Picornavirus capsids escape antibody neutralization
Ananias	Catarina	sciforum-058284	Role of the RNA modification N6-methyladenosine (m6A) during HIV-1 replication in monocyte-derived human macrophages and microglia
Badia	Roger	sciforum-057447	Pharmacological inhibition of IKK induces reactivation of latent HIV-1
Bajaj	Teena	sciforum-057381	A mercapto-pyrimidine pharmacophore inhibits the papain-like protease of SARS-CoV-2 and viral replication in cells via a reversible covalent mechanism
Barnes	Yvonne	sciforum-058204	Characterization of Zika virus replication in fluctuating environments
Bhattacharjee	Shreoshi	sciforum-057507	Examining the functional relevance of APOBEC3D and APOBEC3F hetero-oligomerization to HIV-1 restriction
Cazzato	Gerardo	sciforum-056776	SARS-CoV-2, Placental Histopathology, Gravity of Infection and Immunopathology: Is there an association?
Creanga	Adrian	sciforum-057425	Neutralization Landscape of influenza hemagglutinin stem to characterize antibody behavior and decompose antibody mixtures
Denner	Joachim	sciforum-057408	Virus Safety of Xenotransplantation
Echaide	Miriam	sciforum-057313	Evaluation of the response to SARS CoS-2 spike protein in healthy and oncology donor cohorts
Ezeonwumelu	Ifeanyi	sciforum-057423	IRF7 REGULATES HIV-1 LATENCY REVERSAL INDEPENDENT OF CYTOKINE SIGNALLING BLOCKADE
Franco	Evelyn	sciforum-057496	Favipiravir Induced Reductions in Zika Virus Infectivity Contribute to Antiviral Activity in HeLa Cells
Hikichi	Yuta	sciforum-058209	High-level resistance to integrase strand transfer inhibitors via accumulation of HIV-1 Env mutations
Hume	Adam	sciforum-058331	Generation of a reverse genetic system and recombinant virus to study Lloviu virus, a bat-borne European filovirus
Jolley	Abigail	sciforum-058349	Assessing the functional impact of IFITM heteromultimers during restriction of virus entry
Kruglova	Natalia	sciforum-057469	Substantial enhancement of anti-HIV-1 inhibitory peptide knock-in rates in primary human lymphocytes via the

			rational design of donor DNA, Cas9 and application of NHEJ inhibitors
Kumar	Naresh	sciforum-057547	Sequence and structural determinants of membrane insertion of fusion loops from class II viral fusion proteins - a molecular dynamics simulation study on Chikungunya virus E1 protein
Laprise	Frederique	sciforum-057493	SARS-CoV-2 accessory protein ORF8 downregulates the polymeric Ig receptor
Lazarevic	Ivana	sciforum-057959	Association between Epstein-Barr virus infection activity status and autoantibodies profile in patients with Systemic Lupus Erythematosus
Liu	Lifeng	sciforum-057413	Investigating the effects of apolipoprotein E on Herpes simplex virus infection.
Lowry	Kym S.	sciforum-057380	Using Genetic Surveillance to Understand the Disrupted Seasonality of Paediatric Respiratory Viruses Despite Physical Distancing
Luganini	Anna	sciforum-057290	THE US21 VIROPORIN OF HUMAN CYTOMEGALOVIRUS REGULATES CELL ADHESION AND MIGRATION
Muriaux	Delphine	sciforum-057724	Optimized production and description of non-fluorescent and fluorescent SARS-CoV-2 Virus-Like Particles
Mutz	Pascal	sciforum-057071	Human pathogenic RNA viruses establish non-competing lineages by occupying independent niches
Papp	Bernadett	sciforum-057299	Rapid virus-driven reprogramming predisposes oral epithelial cells to lytic infections
Sadasivan	Jibin	sciforum-057203	A viral protein impairs stress granule formation by modulating Nup358
Schubert	Erik	sciforum-058291	Human adenovirus type 5 infection alters mitochondrial DNA and membrane dynamics
Seier	Kerstin	sciforum-057368	Taking a Closer Look at Fluorescent Filovirus Glycoprotein Pseudotypes
Stefanik	Michal	sciforum-057262	Diphyllin a broad-spectrum antiviral compound
Virtaneva	Kimmo	sciforum-057328	Analysis of multiple SARS-CoV-2 variants using ddPCR
Wang	Linping	sciforum-058339	Developing high-throughput screening method for RNase III inhibitors based on FRET-labelled-siRNA
Wöhnke	Elisabeth	sciforum-057410	Comparison of the proteomes of porcine monocyte-derived macrophages and a stable porcine cell line after infection with African swine fever virus
Yousefi	Maria	sciforum-057385	The function of APOBEC3F and APOBEC3H hetero-oligomers in HIV-1 restriction

Poster Session II – Thursday, 7 April 2022; 18:30-19:45h CEST

Author Surname	Author Name	Submission Id	Title
Adam	Nathan	sciforum-058215	Identifying host ZDHHC palmitoyl acyltransferases responsible for the palmitoylation of hepatitis E virus (HEV) ORF3 protein.
Alakunle	Emmanuel	sciforum-057820	In silico molecular docking analysis of bioactive compounds from Nigerian medicinal plants against SARS-CoV-2 proteins
Almendral	José M	sciforum-058332	Engineering functional domains of the parvovirus MVM capsid with VEGF blocking peptides for anti-cancer purposes.
Fernández de Castro	Isabel	sciforum-058172	Electron microscopy to study the mechanism of action of antiviral drugs
Gutiérrez-Chamorro	Lucía	sciforum-057361	CDK INHIBITORS IMPACT HIV-1 SUSCEPTIBILITY BY MODULATING IN VIVO IMMUNOLOGIC RESPONSE
Biswas	Santanu	sciforum-057742	Modulation of HIV Replication in Monocyte-Derived Macrophages (MDM) by Host Antiviral Factors Secretory Leukocyte Protease Inhibitor and Serpin Family C Member 1 Induced by Steroid Hormones
Delgado-Maldonado	Timoteo	sciforum-057559	In silico evaluation of quinoxaline derivatives as potential inhibitors of the receptor-binding domain (RBD) of the spike protein of SARS-CoV-2
Devi	Oinam	sciforum-058249	A simplified multiplex PCR assay for simultaneous detection of six viruses infecting chilli species in India and its application in field diagnosis
Dodkins	Rupert	sciforum-057499	Rapid high throughput infectivity assay for screening antiviral drugs and monitoring vaccine effectiveness against emerging variants using AI-based analysis of automated brightfield microscopy
Downs	Isaac	sciforum-058219	Natural History Study of Aerosol Induced Ebola Virus Disease in Non-Human Primates
Dutta	Pinky	sciforum-058296	Sneaky SUO: plant protein promoting potyviral translation
Fox	Candace	sciforum-058277	Human Coronavirus Infected Lung Cells Recruit Complement Inhibitors Vitronectin and Clusterin and Delay Complement-Mediated Lysis
Ghosh	Souvik	sciforum-057798	First report on detection and molecular characterization of adenoviruses and circo/cycloviruses in the mongoose: Identification of novel viruses
Hernández-Díaz	Tomás	sciforum-058283	Role of the RNA helicase DDX3 on Zika virus replication
Hertel	Laura	sciforum-058271	Syncytia formation in fibroblasts and epithelial cells infected with human Cytomegalovirus
Hietanen	Eero	sciforum-058314	Cytolytic properties and genome analysis of Rigvir®; oncolytic virotherapy virus and other echovirus 7 isolates
Holovan	Anna	sciforum-058304	Antiviral effect of polysaccharide-coated silver nanoparticles against Epstein-Barr virus
Hukowska-Szematowicz	Beata	sciforum-058363	Study of microRNA and anti-inflammatory genes in tissues of rabbits infected with Lagovirus europaeus GI.1/RHDV (Rabbit Hemorrhagic Disease Virus)

John	Sinu P	sciforum-058196	Small molecule screening identifies Syk kinase inhibition and Rutaecarpine as modulators of macrophage training and SARS CoV-2 infection
Kubina	Julie	sciforum-057957	Cross-protection as a biocontrol strategy against fanleaf degeneration: a vineyard case study
Kumar	Nirmal	sciforum-057573	Broad spectrum, host-directed compounds block cellular entry of influenza A virus and SARS-CoV-2
Leon-Diaz	Felipe	sciforum-057476	VISUALIZATION OF SINGLE VIRAL RNA TRANSLATION OF THE MURINE LEUKEMIA VIRUS BY SUNTAG TAGGING
Marques	Mariana	sciforum-058317	Influenza A virus induces the accumulation of insoluble protein aggregates to support efficient virus particle formation
McIlroy	Dorian	sciforum-057703	Identification of mutational signatures affecting the VP1 gene of BK polyomavirus in vivo
Melikyan	Gregory	sciforum-057382	Interferon-Induced Transmembrane Proteins Inhibit Viral Fusion by Imposing Negative Membrane Curvature and Increasing Lipid Order and Bending Modulus
Müller	Viktor	sciforum-058270	Frailty-based analysis of COVID-19 mortality predicts fewer life years lost
Papp	Henrietta	sciforum-058289	Unravelling the mode of action against the SARS-CoV-2 of an EMA/FDA approved anti-cancer drug
Phoo	Wint Wint	sciforum-058839	Integrative structural approaches reveal dynamic interactions of NS2B-NS3 protease from DENV4 during the post cleavage stage
Ramos	Bruno	sciforum-058329	IRE1-dependent unfolded protein response is reprogrammed to support influenza A virus propagation
Reece	Monica	sciforum-058343	Rufinamide-Induced Autophagy Cell Death in HIV-1-Infected Macrophages
Rivas-Carrillo	Salvador Daniel	sciforum-057500	Chapulín: a leap forward on mobile element and structural variant identification.
Shi	Scarlett Guoli	sciforum-057743	Rapalogs downmodulate intrinsic immunity and promote cell entry of SARS-CoV-2
Shroff	Sailee	sciforum-058330	Polyphenols and Polyphenol coated nanoparticles, promising future antivirals
Tenorio	Raquel	sciforum-057818	Unraveling the antiviral activity of plitidepsin by subcellular and morphological analysis
Torti	Maria Florencia	sciforum-058279	The aryl hydrocarbon receptor and the promyelocytic leukemia protein: Interplay of pro-viral and anti-viral factors during in vitro dengue virus infection
Vazquez	Cecilia	sciforum-058348	Dynamics of LD in JUNV infected cells: just a product of lipophagy?
Zamorano	Natalia	sciforum-057549	Inhibition of the STING-mediated interferon response by novel oxidative posttranslational modification
Zhuang	Alan Xiaodong	sciforum-055438	The circadian clock component BMAL1 regulates SARS-CoV-2 entry and replication in lung epithelial cells
Zsichla	Levente	sciforum-058261	Age-specific mitigation strategies can reduce sex disparity in COVID-19 mortality