LIST OF POSTERS

- POSTER 1 Vránová L.: Specific Immunity to SARS-CoV-2 Infection
- **POSTER 2 Barbora Lubyova:** Hepatitis B virus hijacks host E2/E3 ubiquitin ligase, UBE2O, for viral nucleocapsid assembly and virion egress
- POSTER 3 Halyna Snihur: Phylogenetic analysis of Ukrainian isolate of barley stripe mosaic virus
- **POSTER 4 Anhelina Kyrychenko:** The Reveal of Mycoviruses in Fungal Cultures in the Ukrainian Collection of Microorganisms
- **POSTER 5 Zuzana Beránková:** Cellular stress is triggered by tick-borne encephalitis virus and limits the virus replication in PMJ2-R mouse macrophage cell line
- **POSTER 6 Sandra Žáčková:** Alteration in adhesion G-protein-coupled receptors expression in lung adenocarcinoma and colorectal carcinoma cell lines upon SARS-CoV-2 infection: Impact of selected aGPCRs' knockdown on viral replication
- **POSTER 7 Seyma S. Celina:** Detection of Crimean—Congo Haemorrhagic Fever Virus from Livestock Ticks in Kosovo in 2022
- **POSTER 8 Iryna Riaba:** Incidence and genetic diversity of Raspberry leaf blotch virus isolates in Ukraine
- **POSTER 9 M. Seoane-Blanco:** Structure of phiKZ tail sheath and tail tube
- **POSTER 10 Marketa Pimkova Polidarova:** Inhibition of HBsAg secretion by a novel autophagy inducer
- **POSTER 11 Nataliia Korniienko:** Bacteriophages as biological agents for the control of Staphylococcus aureus infections in traumatology and orthopedics
- **POSTER 12 Jan Kamoš:** Tick-borne encephalitis virus in patients and in ticks from natural endemic sites in South Bohemia
- **POSTER 13 Dominika Kadlečková:** The differences in virome from distinct anatomical locations in psoriasis patients
- **POSTER 14 Karolína Burešová:** Interaction of Mason-Pfizer monkey virus Matrix protein with calmodulin and its implications
- POSTER 15 Alina Dunich: Occurrence of cherry leaf roll virus on some trees and shrubs in Ukraine
- **POSTER 16 Ivana Nemčovičová:** Novel noncytotoxic antiviral compounds targeting SARS-CoV-2 at low micromolar scale
- **POSTER 17 Michal Král:** Identification and characterization of inhibitors of influenza A polymerase and L-protein of Rift Valley fever virus

- POSTER 18 Martin Kubů: Effect of ADAR1 enzyme knockout on HCV replication
- **POSTER 19 Olga Molodchenkova:** Peculiarities of biochemical protective reactions in wheat plants infected by viral diseases
- **POSTER 20 Jaroslava Lieskovská:** Dual control of tick-borne encephalitis virus replication by autophagy in mouse macrophages
- **POSTER 21 Tomáš Kotačka:** Exploring Antiviral Strategies: Targeting Bunyaviridae Viruses Identification and Characterization of Potent Inhibitors
- **POSTER 22 K. Taher:** Cucumber mosaic virus in mono and mixed infections on Allium crops in Ukraine
- POSTER 23 Jozef Džubara: Monitoring of ultrastructural changes in HaCaT cells after TBEV infection
- **POSTER 24 Tereza Frčková:** Investigating Monoclonal Antibodies for Tick-Borne Flavivirus Neutralization and the Development of TBEV Escape Mutants
- **POSTER 25 A. Bitala:** Biophysical characterization of rhesus CMV immunomodulatory protein UL144 as a new target for drug development applications
- POSTER 26 Karolína Štaflová: Targeting URI1 in Hepatitis B Virus Infection
- **POSTER 27 Zuzana Krátka:** Exploring Small-Molecule Inhibitors for Repurposing Against Tick-Borne Encephalitis Virus
- **POSTER 28 Aleš Zábranský:** Comparative proteomic analysis of responses to HBV infection in HepG2-hNTCP cells
- **POSTER 29 Vicent Llopis-Torregrosa:** Identification of SMC5/6 complex members potentially involved in its proteasomal degradation via DDB1
- **POSTER 30 Veronika Vaňová:** Rapid evaluation of the neutralising antibody response against SARS-CoV-2 variants by pseudotype-based neutralisation assays
- **POSTER 31 Kateřina Trejbalová:** Quantitative analysis of Syncytin-1 retroviral envelope interaction with the ASCT2 receptor
- **POSTER 32 Eliška Gáliková:** Tva W33 residue is critical for viral entry and high-affinity binding of avian leukosis virus subgroup K
- **POSTER 33 Vaclav Vopalensky:** Absence of 5' Methylguanosine Cap in Postreplicative Transcripts of Vaccinia Virus Genes
- POSTER 34 Jiří Salát: Brno loanvirus (BRNV) in bats inhabiting urban area of Brno, Czech Republic
- **POSTER 35 Alžběta Dostálková:** The role of DHX15 in the late phase of the Mason-Pfizer monkey virus replication cycle
- **POSTER 36 Karolína Zvonařová:** Exploring Bevirimat Derivatives: A Study on HIV-1 Maturation and Resistance

- **POSTER 37 M. Baudys:** Inactivation of influenza virus on photocatalytically active nanoparticle and nanotubular TiO2 surfaces
- **POSTER 38 Adam Achs:** Epitope mapping of two monoclonal antibodies against Influenza A virus hemagglutinin
- POSTER 39 Martina Ličková: Seroprevalence study of the tick-borne encephalitis virus in Slovakia
- **POSTER 40 Jignesh Italiya:** Wildlife Sentinel: Development of Multi-Species Protein A-ELISA Assay for Detection of SARS-CoV-2 Antibodies in Zoo Animals as a Proof of Concept for Wildlife Surveillance
- **POSTER 41 Tereza Dudová:** Hepatitis E Virus Surveillance in Wild Boars: An Insight from Central Bohemia
- **POSTER 42 Kural Arasu Venkatesh:** New Hepatitis Delta-like and Hepatitis B-like Viruses Identified in Transcriptome of a Yarrow's Spiny Lizard (Sceloporus jarrovii)
- **POSTER 43 Jiří Černý:** Illegally imported animals and animal products as a potential source of emerging animal and zoonotic viruses
- **POSTER 44 Apolena Kučerová:** Comparative Analysis of Strain-Specific Adaptations of SARS-CoV-2 in Diverse Mammalian Hosts
- **POSTER 45 Jiří Černý:** Segmented Flavi-Like Viruses: Unveiling Phylogenomic Complexity and Emerging Research Frontiers
- **POSTER 46 Michal Tomášek:** Expanding the Horizons of Jingmenvirus Research: Insights from Transcriptomic Data
- **POSTER 47 Václav Hönig:** OH SURVector: Surveillance of Vector-Borne Pathogens in Czech Republic and Other European Countries Project Introduction
- **POSTER 48 Luděk Eyer:** Guanine quadruplexes in the RNA genome of the tick-borne encephalitis virus
- **POSTER 49 Kryštof Štafl:** ASCT2, but not ASCT1, is a functional receptor for Syncytin-1-induced fusion
- **POSTRE 50 Dobromila Molinková:** Equine alpha- and gamma-herpesviruses: virological and serological data from the Czech Republic