

**POSTER SESSION III - Wednesday 28 September 2022**

<b>ABSTRACT</b>	<b>TITLE</b>	<b>PRESENTER</b>
<b>TRANSLATIONAL: COVID-19 - Antivirals and therapeutics</b>		
AOXI0194	Post-Hoc Analyses of Ensitrelvir Phase 2b part: Exploratory Clinical Endpoints for Phase 3 part in Phase 2/3 Study (SCORPIO-SR) in Patients with Mild to Moderate COVID-19 Symptoms	Takuhiro Sonoyama, Hiroshi Yotsuyanagi
AOXI0473	Towards a scalable DNA vaccine platform: lower doses of plasmid and synthetic DNA encoding a SARS-CoV-2 vaccine improves neutralising antibody responses	Charlotte George
AOXI0643	RISK FACTORS FOR PERSISTENT COVID INFECTION IN THE IMMUNOCOMPROMISED HOSTS	Mirella Salvatore
AOXI0697	Combination therapy with nirmatrelvir and molnupiravir improves the survival of SARS-CoV-2 infected mice	Ju Hwan Jeong
AOXI0700	Interrupting lipid metabolism serves as a promising strategy to inhibit SARS-CoV-2 replication in adipocytes	Zoe Schmal
<b>TRANSLATIONAL: COVID-19 - Vaccines (focus: vaccines in use, late stage development and pan-coronavirus vaccines)</b>		
AOXI0695	Heterologous and Homologous Boosting with a SARS-CoV-2 Recombinant Protein Vaccine with AS03 Adjuvant in Adults 18 Years of Age and Older	Guy de Bruyn
AOXI0696	Efficacy of a bivalent SARS-CoV-2 Recombinant Protein Vaccine with AS03 adjuvant (CoV2 preS dTM-AS03 [D614 and B.1.351]) in adults 18 years of age and older	Gustavo Dayan
AOXI0699	Immunogenicity and durability of immune responses to mRNA and inactivated COVID-19 vaccines among healthcare workers in Hong Kong	Wey Wen Lim
<b>TRANSLATIONAL: Influenza - Antivirals and therapeutics</b>		
AOXI0013	Impact of baloxavir-resistant influenza A virus mutants on viral growth and drug susceptibility	DIANE POST Brady Hickerson, Natalia Ilyushina
AOXI0167	Therapeutic treatment with baloxavir acid reduces mortality caused by co-infection with influenza A virus and Streptococcus pneumoniae in mice	Keita Fukao
AOXI0192	Mesenchymal stromal cell-derived extracellular vesicles alleviate lung damage induced by influenza A/H5N1 virus infection	Angel Ma
AOXI0256	Therapeutic effects of synthetic ion channels on acute lung injury caused by influenza virus infection	Mark Sze To
AOXI0387	Evaluation of influenza virus fusion inhibitors against contemporary H1 and H3 hemagglutinins	Silke Rimaux
AOXI0567	Experimental Validation of Luteolin Derivatives as Influenza Endonuclease Inhibitors	Michal Kral
AOXI0575	Suramin exhibited antiviral activity against A/PR/8 by inhibiting autophagy induced by influenza infection.	Tanusri Nandi
AOXI0665	Immunomodulators and treatment of disease in the influenza human challenge model	Alex Mann
AOXI0669	A streamlined cell culture-based assay (IRINA) to monitor susceptibility to recommended influenza antivirals	Vasilii Mishin
<b>TRANSLATIONAL: Influenza &amp; COVID-19 - Human challenge models</b>		
AOXI0475	Long-term Changes in Antibody Titers to Hemagglutinin and Neuraminidase After Influenza Challenge-an update	Alison Han
AOXI0500	Realising efficacy: Translating human challenge data relating to drug dosage and route of inoculation in acute respiratory disease to hospitalised patients.	Adrian Wildfire
<b>TRANSLATIONAL: Influenza - Improved seasonal vaccines</b>		
AOXI0122	Development and Characterization of Oral Combination vaccine against Hepatitis B & Influenza	Mani Gargi Bhargava
AOXI0694	Cell-based influenza vaccines that are identical to clinical isolates offer improved protection against influenza with demonstrated increased effectiveness	John Youhanna
<b>TRANSLATIONAL: Influenza - Broadly protective/universal influenza virus vaccines</b>		
AOXI0702	Triplified Recombinant Proteins Composed of Conserved Sequence of Hemagglutinin Stem and Membrane 2 Ectodomain Induce Cross-Protection Against Homologous and Heterologous Influenza A Virus	Min-Chul Yung
AOXI0708	Differential recognition of influenza A virus H1N1 neuraminidase by vaccine-induced antibodies in pigs and ferrets	Jeanette Linnea Tingstedt
<b>IMPLEMENTATION: Disease Control Policy for Influenza</b>		
AOXI0673	Seasonal Influenza vaccine KAP among health care workers in Mongolia	Tsogt Mend
AOXI0674	KAP among pregnant women regarding seasonal flu vaccine in Mongolia	Tsogt Mend
<b>IMPLEMENTATION: Public Health Genomics for Influenza</b>		
AOXI0666	Developing rapid molecular epidemiology and sequencing of influenza A virus infection	Waleed Abdurhman AlJabr
<b>IMPLEMENTATION: Pandemic Preparedness and Response</b>		
AOXI0053	Most Influenza Researchers Personally Support Open Science, so Why Are So Few Doing It?	Bri Luis, Kelly Sutherland)
AOXI0065	An External Quality Assessment (EQA) scheme for the Molecular Detection of Respiratory viruses offered by United Kingdom National External Quality Assessment Service (UK NEQAS) for Microbiology - capturing participant readiness for respiratory disease pandemics.	Heather Crowton
AOXI0110	Emergency preparedness and integrated surveillance potential of a cost-effective and highly sensitive rapid COVID-19 diagnostic for airport quarantine in Bangladesh	Farzana Zaman

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AOXI0152	Severe Acute Respiratory Infections (SARI) in Intensive Care Units: Exploring the reporting delay and surveillance potential in the Netherlands	Liselotte van Asten
AOXI0228	Hospitalization reduction and excess deaths associated with the COVID-19 pandemic in Hong Kong, China, 2020	Hualei Xin
AOXI0285	Partnership for Influenza Vaccine Introduction (PIVI): sustainable expansion of influenza vaccine programs in low and middle-income countries, 2013-2021	Joe Bresee
AOXI0289	Simulating respiratory disease transmission within and between classrooms to assess pandemic management strategies at schools	Akira Endo
AOXI0290	Development, monitoring, and evaluation of the global Influenza Vaccines R&D Roadmap	Kristine Moore
AOXI0301	Testing strategies to detect SARS-CoV-2 in household contacts: implications for surveillance, research, and public health decision-making during pandemics	Melissa Rolfes
AOXI0323	Better practices using deployable nanopore sequencing for influenza and respiratory disease pathotyping in resource-limited laboratories	Eric Bortz
AOXI0349	Impact of COVID-19 on Socio-Economic Status and Health of poor and marginalized people of Nepal	Sweetie Upadhaya
AOXI0363	WHO's activities in building infodemic management capacity and competency: strengthening preparedness for respiratory disease pandemics and accompanying infodemics	Brian Yau, Atsuyoshi Ishizumi
AOXI0389	Respiratory Syncytial Virus and Vaccination in Kenya; What are the Healthcare Workers' Preference?	Victor Opere
AOXI0391	RISK FACTORS FOR INFLUENZA-ASSOCIATED SEVERE ACUTE RESPIRATORY INFECTION IN PATIENTS BELOW 14 YEARS IN MAPUTO, MOZAMBIQUE	Felix Alberto Gundane Albati
AOXI0403	RESPONSE OF THE NATIONAL INFLUENZA CENTER OF ARGENTINA TO THE THREAT OF THE SARS-COV-2 PANDEMIC	Maria Elena Dattero
AOXI0450	Annual and non-annual cycles in the respiratory disease dynamics in tropical regions	Fuhan Yang
AOXI0462	Superspreading: Effects on lockdowns and pathogen evolution	Bjarke Frost Nelson
AOXI0557	Acceptance and preference of deep throat saliva and combined nasal and throat swab for the diagnosis of COVID19 infection	Sze Sze Ning
AOXI0584	Defining the technical and strategic processes for future pandemic influenza vaccine responses	Chris Chadwick
AOXI0599	Correlation between country-level numbers of coronavirus disease 2019 (COVID-19) cases and mortalities, and country-level characteristics: A global study using the World Health Organization data	George Okoli
AOXI0601	Preparedness and Resilience for Emerging Threats (PRET): Building a global initiative for respiratory pathogen pandemic planning	Gina Samaan
AOXI0654	Translating science for evidence-informed actions and policies during a pandemic through an innovative multi-disciplinary global network	Supriya Beznaruah, Tim Nguyen, Ramona Ludolph
AOXI0668	Knowledge, attitude and practice associated with Covid-19 among physicians in Morocco: a cross sectional study	Zhor Zeghari
AOXI0670	Measuring facilitators and barriers of the intention to newly approved vaccines among Chinese adults	Huizhi Gao (Stephanie)
AOXI0677	Late delivery of vaccine supplies resulting in poor vaccination coverage during in the influenza epidemic season, Ukraine, 2020-2021	Sviatoslav Onyshchuk
AOXI0704	Systems-oriented modelling methods in preventing and controlling emerging infectious diseases in the context of healthcare policy - A scoping review	Mariam Mansouri
<b>IMPLEMENTATION: Surveillance for Influenza Including Joint Surveillance and Impact of COVID-19 on Other Respiratory Virus Diseases</b>		
AOXI0063	Re-emergence of circulation of seasonal influenza during COVID-19 pandemic in Russia in 2021-2022.	Danilenko Alexey
AOXI0579	Circulation of RSV through the influenza surveillance network, case of children under five	Herve Kadjo
AOXI0672	Oman's experience of integrated influenza, MERS-CoV and SARS-CoV-2 surveillance	Hanan Al Kindi
AOXI0682	Molecular evolution and recombination of SARS-CoV-2 in South Korea	Jin Il Kim
AOXI0684	Influenza Detected Through Routine Medical Care Reported From Selected Hospitals Vietnam, 2019-2021	Nga Ha, Lan Nguyen
AOXI0688	The effect of COVID-19 on influenza circulation in Iran	Talat Mokhtari-Azad
AOXI0691	Epidemiology, disease severity and outcome of SARS-CoV-2 and influenza viruses coinfection seen at Egypt Integrated Acute Respiratory Infections surveillance, 2020-2022.	Ola Deghedy
AOXI0693	Continued Decline in US Routine Adult and Adolescent Influenza Vaccination, 2019 through 2021	Elif Alyanak
AOXI0706	Influenza Viruses Detected in the Severe Acute Respiratory Infections Surveillance in the Philippines, 2021	Catherine Dacasin
AOXI0707	Influenza surveillance system in United Arab Emirates: Past, Present and the Future	Francis Amirtharaj Selvaraj
AOXI0710	Regional experience on influenza, SARS-CoV-2 RSV, and ORV sustainable surveillance and lessons from COVID-19 pandemic	Paula Couto
AOXI0712	Implementation of Systematic and Routine Genomic Surveillance at the National Influenza Centre of Ecuador	Alfredo Bruno
<b>IMPLEMENTATION: Vaccine Effectiveness for COVID-19 and Implications for Influenza</b>		

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AOXI0678	Rapid prediction of COVID-19 vaccine effectiveness against new genetic variants of SARS-CoV-2 by genome analysis	Maggie Wang
AOXI0703	Test-negative case-control study of SARS-CoV-2 vaccine effectiveness against SARS-CoV-2-associated hospitalisation in South Africa 2021 to 2022	Nicola Chiwandire
<b>BASIC: Influenza - Pathogenesis</b>		
AOXI0020	INVESTIGATION OF VACCINE INDUCED HETEROSUBTYPIC IMMUNE PRESSURE ON GENOME WIDE EVOLUTION OF SEASONAL INFLUENZA A VIRUSES IN A MOUSE MODEL	Julie TS Chu
AOXI0022	The 1957 pandemic Influenza HA gene signal peptide plays a role in virus virulence and replication	Li Qi
AOXI0043	Persistent infection of seasonal and pandemic influenza A viruses in a hiPSC-derived neural model	Feline Benavides
AOXI0112	Susceptibility of camelids (alpacas) to experimental infection with both influenza C and D viruses	Helen Everett
AOXI0126	Human nasopharyngeal organoid as an experimental platform for the risk assessment of influenza A viruses	Jenny Chan, Rachel HH Ching
AOXI0139	Detection of influenza A and SARS-CoV-2 viral RNA in exhaled breath of ferrets following ocular inoculation	Jessica Belser
AOXI0142	H9N2-origin internal genes contribute to the fitness of zoonotic China-origin H7N9 and have the further potential to generate novel reassorted influenza A viruses	Joe James
AOXI0258	Influenza A(H7N9) virus infection in men is associated with testosterone depletion: a retrospective study	Tian Bai
AOXI0260	The systemic inflammatory response to influenza A virus infection is fueled by endothelial cells	Lisa Bauer
AOXI0348	Splice site signature determines influenza A virus pathogenicity in a subtype-specific manner	YiJu Han
AOXI0374	Interactions between influenza A and SARS-CoV-2 viruses in respiratory epithelial cells	Ka Ling (Rita) Lai, Kenrie PY Hui
AOXI0428	IgE depletion increases vulnerability to influenza in an experimental allogeneic mouse asthma model.	Nancy Mounogou Kouassi
AOXI0479	Characterization estimation of avian influenza viruses in migratory birds	Juryeon Gil
AOXI0608	Whole-genome intrahost viral diversity from influenza-confirmed hospitalized patients with severe illness	Gregory Queromes
AOXI0676	A novel mechanism of enhanced transcription activity and fidelity for influenza A viral RNA-dependent RNA polymerase	Peter Cheung
AOXI0683	Genetic and pathogenic characterization of High Pathogenicity Avian Influenza virus A(H5N8) clade 2.3.4.4, South Korea, 2014-2016	Eun-Kyoung Lee
AOXI0698	Pathogenesis of clade 2.3.4.4b H5N8 high pathogenicity avian influenza virus isolated from South Korea in 2020-2021	Ra Mi Cha
AOXI0709	TRANSIENT STEM-LOOP RNA STRUCTURES AND PURINE-RICH SEQUENCES AT THE H5 HEMAGGLUTININ CLEAVAGE SITE DRIVE DUPLICATIONS BY THE INFLUENZA POLYMERASE: A POTENTIAL EXPLANATION OF HIGHLY PATHOGENIC AVIAN INFLUENZA GENESIS	Mathis Funk
<b>BASIC: Influenza - Transmission</b>		
AOXI0012	Surveillance and assessment of risk factors for the spread of avian influenza virus type A in live birds markets located in Tripoli, Libya	Ibrahim Eldaghayes
AOXI0036	Evolution of deletions and co-occurring mutations of influenza B viruses in Singapore	Gisell Ng Geok Kee
AOXI0037	Diversity of swine influenza A virus in Cambodia	Michael Anthony Zeller
AOXI0068	Avian Influenza Outbreak Investigations in Poultry in Vietnam	MINH QUANG PHAN
AOXI0085	Influenza and SARS-CoV-2 co-detections in the United States, 2021-2022	Krista Kniss, Angiezel Merced-Morales
AOXI0133	Positive association of criteria of supersaturation effects in the human airways with influenza seasons in Okinawa (2007-2012)	Alexander Ishmatov
AOXI0149	Robustness of the ferret model for influenza risk assessment studies: a cross-laboratory exercise	Jessica Belser
AOXI0299	Narrow bottlenecks constrain influenza A virus genetic diversity during direct contact transmission	Luis Haddock Soto
AOXI0313	Risk assessment of emerging influenza viruses using the ferret model	Taronna Maines
AOXI0338	Genomic epidemiology of influenza B circulation in China during prolonged border closure from 2020 to 2021	Ruopeng Xie
AOXI0370	Transmission of clade 2.3.4.4b H5 HPAI to commercial turkey farms in Denmark in seasons 2020/2021 and 2021/2022	Claudia Maria Trombetta, Charlotte K Hjulsager
AOXI0460	Determining influenza seasonal characteristics in the Democratic Republic of Congo	Muhemedi Saleh Kayumba
AOXI0482	Estimating transmissibility of asymptomatic influenza virus infections	Tim K. Tsang
AOXI0484	Household transmission dynamics of influenza A virus infection and its implication of vaccine strategy	Tim K. Tsang
AOXI0506	Detection of airborne respiratory viruses in pediatric patient rooms	Nancy Leung, Yanmin (Yanmy) Xie
AOXI0519	SARS-CoV-2 and RSV detection through the framework of influenza surveillance in Niger, 2020-2021	Adamou Lagare

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AOXI0530	Transmission of human seasonal influenza viruses in ferrets under realistic environmental conditions for comparison to childcare centers	Nicole Rockey
AOXI0558	Molecular epidemiology and transmission pattern of influenza viruses circulating in Nepal	Bishnu Prasad Upadhyay
AOXI0600	Quail selling practices in wholesale markets and the potential for avian influenza transmission in Bangladesh	Murshid Hasan
<b>BASIC: Influenza - Virus-host cell interactions</b>		
AOXI0052	Exposing mechanisms for the addition of RNA modifications on influenza A RNAs, and the interaction between FluPol and host epitranscriptomic writers.	Stefano Bonazza
AOXI0057	Human-type sialic acid receptors contribute to avian influenza A virus binding and entry by hetero-multivalent interactions	Mengying Liu
AOXI0137	Antibody coated Liposomes for Transmucosal vaccination	Priyanka Gosain
AOXI0169	Analysis of host factors interacting with nonstructural protein 1 of influenza A virus using proximity-dependent biotin identification	Mina Nakauchi
AOXI0188	High-yield influenza A vaccine virus production by CRISPR/Cas9 technology	Priya Ranjan
AOXI0195	Tropism, replication competence and innate host response of the novel genotype 4 (G4) swine influenza virus in ex vivo and in vitro cultures of the human respiratory tract	Jenny Chan
AOXI0342	Revealing the epitranscriptomic landscape of Influenza A virus RNAs in infected eukaryotic cells	Hannah Coutts
AOXI0360	Study of the Molecular Mechanism of Silver Nanoparticles' Antiviral Effect	Mohammad Al Farroukh
AOXI0362	Study of the Molecular Mechanism of Silver Nanoparticles' Antiviral Effect	Mohammad Al Farroukh
AOXI0380	Bacterial superinfections induce a major transcriptional regulatory switch of interferon-stimulated genes	Justine Oliva
AOXI0406	The Influenza Virus Toolkit: a reagent sharing resource for influenza virus research	Nigel Temperton
AOXI0430	Host adaptive mutations in influenza A virus polymerase gene enhance translation efficiency of viral mRNA	Michael Lutz
AOXI0454	Influenza A Virus Neuraminidase Activity Modulates Cellular Co-infection	Zijian Guo
AOXI0496	SRSF5 regulates M gene splicing to promote influenza A virus replication through directly binding viral mRNA and recruiting U1 snRNP	Qiuchen Li
AOXI0523	Neuraminidase-dependent entry of influenza A virus is determined by haemagglutinin receptor-binding activity	Louise Wallace
AOXI0582	A novel mode of super-infection enhancement of influenza A virus infection by a gram-negative bacteria	Connor Bamford
AOXI0603	Loss of the Neu5Gc specific receptor binding ability for subtype H7N9 influenza A viruses is associated with its host preference in chickens over domestic waterbirds	Xiu-Feng (Henry) Wan
AOXI0647	Gene Expression Profiles Associated with Survival and Death During Influenza A Virus Bacterial Super Infections	Josh Klonoski
AOXI0653	N-Glycosylation near the receptor binding domain induces major antigenic changes in H1N1 Influenza virus	Rafael Medina Silva
AOXI0680	RNA modifications on viral genome and viral transcripts of influenza A virus	Yuki Furuse
AOXI0705	Tissue microarrays to visualize influenza D attachment to host receptors in the respiratory tract of farm animals	Nikoloz (Nika) Nemanichvili
<b>BASIC: SARS-CoV-2 - Novel treatment and prevention strategies</b>		
AOXI0193	The role of Platelet-derived growth factor receptor (PDGFR) and the therapeutic potential of PDGFR inhibitor in MERS-CoV infection	Ka Ling (Rita) Lai
AOXI0685	Discovery and Antiviral Activity of the Novel 3CL Protease Inhibitor ALG-097558 in the SARS-CoV-2 Hamster Infection Model	Andreas Jekle
<b>BASIC: SARS-CoV-2 - Pathogenesis &amp; transmission</b>		
AOXI0042	Comparison of characteristics of infection in individuals with wild-type, Beta and Delta SARS-CoV-2 variants in the PHIRST-C community cohort study, South Africa, 2020-2021	Cheryl Cohen
AOXI0083	Genome Sequencing of the Sars-Cov-2 Delta variant of Concern Detected in Mongolia	Bayasgalan Namuutsetseg
AOXI0088	SARS-CoV-2 infection-induced immunity and the duration of viral shedding: results from a Nicaraguan household cohort study	Hannah Maier
AOXI0089	An immune correlate of SARS-CoV-2 infection and severity of reinfections	Hannah Maier
AOXI0094	Neighborhood deprivation and the risk of SARS-CoV-2 infection in households	Amanda Howa
AOXI0154	Evolution of contact patterns in households with a confirmed SAR-CoV-2 infection - Nashville, TN - USA. April 2020-April 2021	Carlos Grijalva
AOXI0171	In vitro stimulation with live SARS-CoV-2 reveals Th17 dominance in virus-specific CD4 T cell response after COVID-19	Ekaterina Stepanova
AOXI0181	ACE2 is necessary for SARS-CoV-2 infection and sensing by macrophages but not sufficient for productive viral replication	Larisa Labzin
AOXI0187	Highly transmissible SARS-CoV-2 variants of concern are constrained by a tight transmission bottleneck	Adam Lauring
AOXI0189	ASSESSMENT OF PATHOGENIC PATTERNS OF SARS-COV-2 VARIANTS OF CONCERN IN VITRO AND IN VIVO	Hang Xie
AOXI0200	Endemic Coronavirus Infection History and Association with Risk of SARS-CoV-2 Infection in Nicaraguan Children	Aaron Frutos

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AOXI0262	In vivo modelling of SARS-CoV-2 skin-to-skin and bioaerosol transmission	Amanda Seekings
AOXI0269	Rapid expansion by a single introduction of a I1221T mutant of BA2 Omicron in Hong Kong	Teng Tong
AOXI0292	SARS-CoV-2 Seropositivity, Symptomatic Reinfection, and Influenza Co-infection in Children in Nicaragua	John Kubale
AOXI0300	Community prevalence and risk factors for SARS-CoV-2 infection prior to widespread vaccination in England: results from the REal-time Assessment of Community Transmission swab-positivity (REACT-1) study	Haowei Wang
AOXI0310	A naturally occurring human SARS-CoV-2 variant has an increased affinity for murine ACE2 and productively infects mice.	Julie McAuley
AOXI0347	Infectious viral load in unvaccinated and vaccinated individuals infected with ancestral, Delta or Omicron SARS-CoV-2	Benjamin Meyer
AOXI0351	Differences in neuroinvasiveness and neurovirulence among SARS-CoV-2 variants	Debby van Riel
AOXI0373	Risk Assessment of SARS-CoV-2 Omicron BA.2 in human respiratory tract ex vivo	Tonia Tong, Kenrie PY Hui
AOXI0375	Viral and immune kinetics during SARS-CoV-2 human challenge in young, seronegative adults	Helen Wagstaffe
AOXI0384	Impact of SARS-CoV-2 spike mutations on its activation by TMPRSS2 and the alternative TMPRSS13 protease	Lieve Naesens
AOXI0411	Parallel detection of SARS-CoV-2 epitopes reveals dynamic immunodominance profiles of CD8 T memory cells in convalescent COVID-19 patients	Jet van den Dijssel
AOXI0415	SARS-CoV-2 transmission dynamics among urban and rural populations prior to the introduction of the COVID-19 vaccine	Cynthia Tang
AOXI0441	Epidemiology and genetic diversity of SARS-CoV-2 lineages circulating in Africa	Nidia Trovao
AOXI0442	Evolutionary history and introduction of SARS-CoV-2 Alpha VOC/B.1.1.7 in Pakistan through international travelers	Nidia Trovao
AOXI0443	Identifying the neurological impact of COVID-19 in a mouse model of SARS-CoV-2 infection	Vicki Lawson
AOXI0474	Genomic surveillance and vaccine effectiveness of SARS-CoV-2 in Egypt	Rebeh Elshesheny
AOXI0478	Omicron breakthrough infections in vaccinated or previously infected hamsters	Jie Zhou
AOXI0480	Critical role of neutralizing antibody for SARS-CoV-2 reinfection and transmission	Mark Anthony Casel
AOXI0486	Transmission of SARS-CoV-2 delta variant (AY.127) from pet hamsters to humans, leading to onward human-to-human transmission: a case study	Leo Poon
AOXI0489	Persistent symptoms and sequelae after SARS-CoV-2 infection not requiring hospitalization: Results from Testing Denmark, a Danish cross-sectional survey	Maarten van Wijhe
AOXI0491	Coinfection with SARS-CoV-2 and Influenza A virus enhanced viral pathology and reduced neutralizing antibody responses	Se-Mi Kim
AOXI0493	Age-dependent pathogenic characteristics of SARS-CoV-2 infection in ferrets	Young-Il Kim
AOXI0495	SARS-CoV-2 and SARS-CoV-2 variants infection of human cardiomyocytes	Tonia Tong Kam
AOXI0524	Studies on SARS-CoV-2 replication in human nasal organoids	Yukiko Muramoto
AOXI0531	Investigation into the Interactions between SARS-CoV-2 and the Glycosaminoglycan Heparan Sulfate	Jack Hassard
AOXI0532	Pathogenesis and Transmission of SARS-CoV-2 in Ferrets	Rare Rollon
AOXI0534	Increased stability of SARS-CoV-2 Omicron variant over ancestral strain	Alex Chin
AOXI0543	Evolution of SARS-CoV-2 Shedding in Exhaled Breath Aerosols	Jianyu Lai
AOXI0555	Subclinical COVID-19 infection among close contact confinees in governmental quarantine facilities in Hong Kong	Teresa So
AOXI0561	Spread of multiple lineages of SARS-CoV-2 in Algeria, may 2020 to november 2021	Sarah Belkalem
AOXI0570	Genomic Characterization of SARS CoV-2 in Pakistan using Nanopore Sequencing	Nazish Badar
AOXI0576	Temporal characteristics of case profile and case isolation shaped the distributions of serial interval of COVID-19 in Hong Kong	Ben Cowling, Yiu Chung Lau, Sheikh Ali
AOXI0587	ANTIBODY IMMUNOLOGICAL IMPRINTING IN CHILDREN WITH COVID-19	Teresa Aydillo Gomez
AOXI0590	Impact of intra-host immune adaptations on the evolution of SARS-CoV-2 S protein among individuals with SARS-CoV-2 infections, South Africa, 2020 to 2022	Kathleen Subramoney
AOXI0592	Distinct inflammatory responses in the nasal mucosa and blood of individuals hospitalised with COVID-19	Jasmin Sidhu
AOXI0602	Surveillance of coronaviruses in the wild rat population in the municipal wastewater system of New York, New York, United States	Xiu-Feng (Henry) Wan
AOXI0613	SARS-CoV-2 recombination events detected in Brazil in 2022	Paola Resende, Marilda Siqueira, Elisa Pereira
AOXI0614	SARS-CoV-2 reinfection: A series of reinfection cases from Brazil documented by the genomic features of first and second infecting strains	Paola Resende, Marilda Siqueira, Renata Serrano Lopes
AOXI0615	Antibody-Dependent Cellular Cytotoxicity (ADCC) Activation associated with hybrid immunity to SARS-CoV2 in infected and vaccinated UK Healthcare Workers	Matteo Ferrari
AOXI0616	SARS-CoV-2 infection pos vaccine: clinical outcome and genomic features and intra host variants post vaccination	Paola Resende, Marilda Siqueira, Renata Serrano Lopes
AOXI0622	First direct evidence of onward transmission of a novel SARS-CoV-2 variant emerging from an immunocompromised host	Ana Gonzalez-Reiche

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<b>AOXI0646</b>	SARS-CoV-2 variants of concern show differential replicative fitness in primary human respiratory cells and transmission in Syrian golden hamsters	Andra Banete
<b>AOXI0689</b>	Incidence, risk factors, and whole-genome sequencing of SARS-CoV-2 and influenza virus among the Egyptian pilgrims returning from Ramadan Umrah mass gathering in Saudi Arabia, April-May 2022.	Walaa Attia
<b>AOXI0692</b>	Risk factors for contracting COVID-19 in Canadian healthcare personnel, prior to and during the omicron wave	Brenda Coleman
<b>AOXI0701</b>	A rapid method for generating infectious SARS-CoV-2 and variants using mutagenesis and circular polymerase extension cloning	Yun Hee Baek
<b>BASIC: Zoonotic influenza</b>		
<b>AOXI0261</b>	The role of gamebirds as a bridging host for the introduction of H5N8 and H5N1 high pathogenicity avian influenza viruses into galliform poultry	Amanda Seekings
<b>AOXI0681</b>	Phylogenetics and genome-wide investigation of host adapted mutations of the hemagglutinin of H5Nx viruses	Jin Il Kim