

POSTER SESSION B

CATEGORY	TITLE
Epidemiology – Genomics – Phylogenetics – Modelling – Burden of Disease	Descriptive models to unravel features of dengue immunological responses
Epidemiology – Genomics – Phylogenetics – Modelling – Burden of Disease	Fine-scale geospatial modeling of ZIKV infection in an urban informal settlement during its emergence in 2015
Epidemiology – Genomics – Phylogenetics – Modelling – Burden of Disease	MOLECULAR EPIDEMIOLOGY OF IMPORTED CHIKUNGUNYA VIRUS IN CUBA, 2014
Epidemiology – Genomics – Phylogenetics – Modelling – Burden of Disease	RESULTS OF LABORATORY SURVEILLANCE FOR DENGUE IN CUBA, 2022
Epidemiology – Genomics – Phylogenetics – Modelling – Burden of Disease	Co-Circulation of Serotypes Associated with the Cumulative Incidence of Severe Dengue and Dengue with Warning Signs in Peru.
Epidemiology – Genomics – Phylogenetics – Modelling – Burden of Disease	Determinación mediante pruebas diagnósticas de agentes causantes de síndrome febril en sueros de un hospital de tercer nivel. Cali, Colombia, 2023.
Epidemiology – Genomics – Phylogenetics – Modelling – Burden of Disease	Epidemiology of dengue fever in Guatemala
Epidemiology – Genomics – Phylogenetics – Modelling – Burden of Disease	Dengue with and without complications during 2018 to 2021 in Cusco, Peru.
Epidemiology – Genomics – Phylogenetics – Modelling – Burden of Disease	Detection and characterization of arboviral infections in blood donors during two different epidemiological periods in Colombia.
Epidemiology – Genomics – Phylogenetics – Modelling – Burden of Disease	Recent circulation of dengue virus lineages in northwestern Colombia
Epidemiology – Genomics – Phylogenetics – Modelling – Burden of Disease	Methodological approach for harmonizing multiple studies: A case of clinical data use from 5 cohort studies in the Aedes network in Colombia.
Epidemiology – Genomics – Phylogenetics – Modelling – Burden of Disease	Neurodevelopmental delay in preschool children exposed to Zika virus during pregnancy: An observational prospective study in the ZIKAlliance cohort, Colombia.
Epidemiology – Genomics – Phylogenetics – Modelling – Burden of Disease	Health and economic impact of chikungunya vaccination in Asian, African, American and Pacific Island countries: Vaccine impact modelling, cost-effectiveness analysis, and budget-impact analysis
Epidemiology – Genomics – Phylogenetics – Modelling – Burden of Disease	Entomological drivers of fine-scale heterogeneity in dengue risk
Epidemiology – Genomics – Phylogenetics – Modelling – Burden of Disease	Chikungunya IgG antibodies persistence 7 years following the acute infection in a cohort in Piedecuesta, Colombia
Epidemiology – Genomics – Phylogenetics – Modelling – Burden of Disease	Seroprevalence of Dengue, Chikungunya and Zika at the epicenter of the congenital microcephaly epidemic in Northeast Brazil: a population-based survey
Epidemiology – Genomics – Phylogenetics – Modelling – Burden of Disease	Examining Altitude and Population Density as Key Factors in Dengue Outbreaks in Colombia
Epidemiology – Genomics – Phylogenetics – Modelling – Burden of Disease	The association of obesity with pediatric dengue virus infection, disease, and immune responses
Epidemiology – Genomics – Phylogenetics – Modelling – Burden of Disease	Displacement of DENV-1 by DENV-2 serotype and introduction of genotype II - Cosmopolitan for DENV-2 in Argentina, 2023
Epidemiology – Genomics – Phylogenetics – Modelling – Burden of Disease	Dengue disease and economic burden in Mexico: an observational, retrospective, database study
Epidemiology – Genomics – Phylogenetics – Modelling – Burden of Disease	Interactions between rainfall, water storage behavior, and mosquito dynamics drive variation in seasonal dengue dynamics
Epidemiology – Genomics – Phylogenetics – Modelling – Burden of Disease	First dengue outbreak in Balsas, Amazonas - Peru, 2021 – 2022
Epidemiology – Genomics – Phylogenetics – Modelling – Burden of Disease	Series of Dengue-Related Deaths in the Central Region of Brazil, 2015-2022
Epidemiology – Genomics – Phylogenetics – Modelling – Burden of Disease	RNA Extraction and Storage (RNAES) technology and nanopore sequencing of dengue and chikungunya viruses, implementation of a combined low-cost strategy in Paraguay
Epidemiology – Genomics – Phylogenetics – Modelling – Burden of Disease	Spatiotemporal dynamics of DENV-1 lineages circulating in two Colombian cities between 2019 and 2021
Epidemiology – Genomics – Phylogenetics – Modelling – Burden of Disease	Tracking the emergence and spread of new dengue virus variants in Puerto Rico using genomic surveillance
Epidemiology – Genomics – Phylogenetics – Modelling – Burden of Disease	Phylogenetic analysis reveals both maintenance and new introduction of Yellow Fever virus after the 2017-2018 outbreak in the southeastern region
Epidemiology – Genomics – Phylogenetics – Modelling – Burden of Disease	Detection of neutralizing antibodies against West Nile virus in pigeons (Columba livia) from the Northeast of São Paulo state, Brazil.
Epidemiology – Genomics – Phylogenetics – Modelling – Burden of Disease	The Impact of Dengue Virus Genetic Diversity on Wolbachia Inhibition.
Epidemiology – Genomics – Phylogenetics – Modelling – Burden of Disease	Track to improve the predictive capacity of EWARS signals for early detection of dengue epidemics
Epidemiology – Genomics – Phylogenetics – Modelling – Burden of Disease	Measuring the effect of a multicomponent dengue preventive strategy targeting transmission hotspots in Santiago de Cuba, Cuba

Epidemiology – Genomics – Phylogenetics – Modelling – Burden of Disease	DENGUE IN AMAZONAS: SPATIOTEMPORAL DYNAMICS AND ITS RELATIONSHIP WITH CLIMATE VARIABLES
Epidemiology – Genomics – Phylogenetics – Modelling – Burden of Disease	Estimating the effect of extreme hydrometeorological events on the incidence of dengue in rural and urban settings: A case study of Peru between 2018-2023
Epidemiology – Genomics – Phylogenetics – Modelling – Burden of Disease	Epidemiological profile of notified cases of dengue infection in a Brazilian city between 2019 and 2020 and their characteristics in the context of overweight and obesity
Epidemiology – Genomics – Phylogenetics – Modelling – Burden of Disease	A research history of arboviral infections in Peru from 1993-2022
Epidemiology – Genomics – Phylogenetics – Modelling – Burden of Disease	Transmission dynamics of dengue virus in large and small population centers in northern Ecuador using a phylogenetic analysis
Epidemiology – Genomics – Phylogenetics – Modelling – Burden of Disease	Prevalence of Dengue in the Northern Ecuadorian Amazon Basin
Epidemiology – Genomics – Phylogenetics – Modelling – Burden of Disease	Chikungunya virus East-Central-South-African (ECSA) lineage linked to fatal cases in the northwest of São Paulo, Brazil
Epidemiology – Genomics – Phylogenetics – Modelling – Burden of Disease	Studying the genetic diversity within Zika virus genome sequences from Puerto Rico, 2016-2017.
Epidemiology – Genomics – Phylogenetics – Modelling – Burden of Disease	Factors associated with deaths in patients with severe dengue
Human Behavior & Community Engagement	Perception of Dengue Disease and acceptability of Dengue vaccines in University students: a worldwide survey
Human Behavior & Community Engagement	Mega-operativo de descacharrización (MOD) como medida de prevención de la transmisión del dengue con participación Social en una comunidad del Municipio de Coatlan del rio, Morelos. México.
Human Behavior & Community Engagement	Fidelidad a la guía de atención clínica integral del paciente con dengue y apropiación de un curso para la implementación de la misma, por los médicos de Urabá Antioquia, 2022-2023
Human Behavior & Community Engagement	Política Pública en la prevención y control de las enfermedades transmitidas por vector (ETV) dengue, Zika y chikungunya en el Estado de Morelos. México
Human Behavior & Community Engagement	Recruitment Strategies in Cohort Studies: Experience with Dengue-Seronegative University Students in Medellin, Colombia
Human Behavior & Community Engagement	Space-time distributions of Aedes aegypti outbreaks associated with cases of dengue in Chincha for partnership educational actions Brazil – Peru as a model of epidemiological containment
Human Behavior & Community Engagement	Characterization of human mobility to improve dengue prevention strategies
Human Behavior & Community Engagement	Determining factors of hesitancy towards fumigation, focal treatment, and collection of breeding sites for the control of Aedes aegypti in homes: A mixed study in two dengue-endemic regions of Peru
Virology – Pathogenesis – Antivirals	Obesity and metformin modify macrophage response to Dengue virus infection
Virology – Pathogenesis – Antivirals	Global and cell type-specific immunological hallmarks of severe dengue progression
Virology – Pathogenesis – Antivirals	Impact of Immune Cell Infiltration in Testes Following ZIKV Infection in Mice
Virology – Pathogenesis – Antivirals	Kinetics of Mayaro virus infection of New World and Old World mosquito vectors
Virology – Pathogenesis – Antivirals	Primary versus secondary dengue virus infection: morphological findings in organs of murine model
Virology – Pathogenesis – Antivirals	The tetraspanin CD81 is involved in dengue infection of Huh-7 cells.
Virology – Pathogenesis – Antivirals	MODULATION OF RHOA GTPASE IN CD1 MOUSE GLIAL CELLS DURING ZIKA VIRUS INFECTION
Virology – Pathogenesis – Antivirals	Small extracellular vesicles (sEVs) produced by EA.hy 926 infected with DENV-2, induced a protection effect on polarized non-infected EA.hy 926 endothelial cells
Virology – Pathogenesis – Antivirals	ABSarbo: Aptamer-based strategies to create novel biotechnological tools against Arboviruses
Virology – Pathogenesis – Antivirals	Potent antiviral activity of plitidepsin, a natural marine compound, against Mayaro virus and other arboviruses
Virology – Pathogenesis – Antivirals	Participation of the Kinesin Light Chain 1 (KLC1) protein in the secretion of the dengue virus NS1 protein
Virology – Pathogenesis – Antivirals	UNVEILING ALPHA-1 ADRENERGIC RECEPTOR ROLES DURING DENGUE VIRUS INFECTION
Virology – Pathogenesis – Antivirals	Analysis of the in vitro infectivity of extracellular vesicles from DENV-infected C6/36 mosquito cells.
Virology – Pathogenesis – Antivirals	Annexin A1-FPR2/ALX Signaling Axis Regulates Acute Inflammation during Chikungunya Virus Infection.
Virology – Pathogenesis – Antivirals	A Genomewide RNAi screen reveals common host-virus gene signatures: implication for Dengue anti-viral drug discovery
Virology – Pathogenesis – Antivirals	Evaluation of coinfection of Dengue and Chikungunya virus in primary culture cells model

Virology – Pathogenesis – Antivirals	NS5 protein of DENV-2 localizes to the nucleolus and interacts with nucleolar protein B23
Virology – Pathogenesis – Antivirals	Repurposing of FDA-approved kinase inhibitors as potential antiviral against Mayaro virus
Virology – Pathogenesis – Antivirals	Zika virus elicits differential expression patterns of pro-inflammatory transcripts in infected pregnant macaques with sustained placental damage
Virology – Pathogenesis – Antivirals	Antiviral effect of different metformin and phenformin analogs in dengue virus infection
Virology – Pathogenesis – Antivirals	ANTIVIRAL ACTIVITY OF NATIVE PLANT EXTRACTS FROM COLOMBIA AGAINST VECTOR BORNE VIRUSES (DENV, ZIKV AND CHIKV)
Virology – Pathogenesis – Antivirals	Antiviral roles of sphingolipid metabolism
Virology – Pathogenesis – Antivirals	The role of ubiquitin-proteasome system in the replication cycle of chikungunya virus infection: An in vitro study.
Virology – Pathogenesis – Antivirals	Cannabidiol alters cellular membranes with an impact on the Zika virus replication
Virology – Pathogenesis – Antivirals	Evaluation of amino acid determinants of reduced serum neutralization of dengue type 1 P72-1244
Virology – Pathogenesis – Antivirals	Inhibiting essential enzymes in arboviruses by combinatorial biology-based strategies
Virology – Pathogenesis – Antivirals	Valproic acid exhibits anti-dengue virus properties associated with alterations in the cellular cholesterol levels: an in vitro study using Huh7 cells
Virology – Pathogenesis – Antivirals	Functional and phenotypical changes in circulating platelets isolated from children with dengue
Virology – Pathogenesis – Antivirals	Antibody-Dependent Complement Activation and DENV3 Disease Severity
Virology – Pathogenesis – Antivirals	Arbovirus transmission and disease pathogenesis in insulin resistance and obesity murine model
Virology – Pathogenesis – Antivirals	An Ivermectin – Atorvastatin combination impairs host nuclear transport, inhibiting dengue virus infection in vitro and in vivo
Virology – Pathogenesis – Antivirals	Evaluation of DENV replication in a platelet-monocyte interaction model.
Virology – Pathogenesis – Antivirals	Differences in antiviral responses between Huh-7 and Vero cell lines treated with different dengue virus inhibitors
Virology – Pathogenesis – Antivirals	Multiple flaviviruses secrete the anti-immune subgenomic flaviviral RNA in mosquito saliva
Virology – Pathogenesis – Antivirals	Multi-tissue transcriptomic study in severe dengue disease: In silico analysis of potential drugs for its management
Virology – Pathogenesis – Antivirals	Replication Kinetics and Blood Brain Barrier Drive Zika Virus Population Diversity
Virology – Pathogenesis – Antivirals	Development of a Novel 2-Pyrimidone (SRI-42718) as a Potent Inhibitor of Chikungunya Virus Infection and Disease
Virology – Pathogenesis – Antivirals	Homoharringtonine Inhibited Dengue and Zika Viral Replication in Cell Lines and Prolonged Survival of Mice Infected with a lethal Dose of Dengue Virus
Virology – Pathogenesis – Antivirals	BIOMARKER SIGNATURE IN PATIENTS WITH ARTHRALGIA DURING ACUTE CHIKUNGUNYA VIRUS INFECTION
Virology – Pathogenesis – Antivirals	Characterization of Mayaro and Una virus infection of an SH-SY5Y human neuroblastoma cell line