

POSTER SESSION A

CATEGORY	TITLE
Diagnostics – Prognostics – Clinical	Correlation between obesity and CD11b expression in classical monocytes and prevalence of Anti-DENV IgM in serum
Diagnostics – Prognostics – Clinical	Mayaro virus and Chikungunya virus IgM and IgG testing in parallel improves diagnosis of acute Mayaro virus infections
Diagnostics – Prognostics – Clinical	MOLECULAR CLONING STRATEGY TO OBTAIN RECOMBINANT CLONES EXPRESSING THE ZIKA VIRUS NS1 PROTEIN
Diagnostics – Prognostics – Clinical	Long-Term Symptoms Associated with Chikungunya Virus Infection: A Prospective Community-Based Cohort Study
Diagnostics – Prognostics – Clinical	Clinical presentation of acute arboviral infections during 2022 in the TIRS Project cohort
Diagnostics – Prognostics – Clinical	Soluble Triggering Receptor Expressed on Myeloid Cells (sTREM-1) in patients with dengue, Paraguay
Diagnostics – Prognostics – Clinical	IMPLEMENTATION OF A PROTOCOL FOR THE DETECTION OF DENGUE, AND CHIKUNGUNYA VIRUSES IN BIOLOGICAL SAMPLES BY RT-LAMP.
Diagnostics – Prognostics – Clinical	Plasma metabolomics for the identification of potential diagnostic biomarkers of dengue infection in an acute febrile illness cohort in Colombia
Diagnostics – Prognostics – Clinical	Predictors of severity in acute dengue infection during the 2019 epidemic in Brazil
Diagnostics – Prognostics – Clinical	Risk of Dengue Infection and Clinical features in Rural Community, Tanzania
Diagnostics – Prognostics – Clinical	Sensitivity of anti-Dengue IgM serological tests fluctuate in hyperendemic arbovirus areas
Diagnostics – Prognostics – Clinical	Accidente cerebrovascular isquémico durante la infección por dengue: reporte de dos casos. Medellín, Colombia.
Diagnostics – Prognostics – Clinical	Comparación de hallazgos clínicos y de laboratorio entre niños y adultos con infección por virus Dengue en los municipios de Turbo y Apartadó, Colombia. Estudio prospectivo, 2020-2022.
Diagnostics – Prognostics – Clinical	Dengue asociado a enfermedad neurológica: frecuencia y diferencias clínicas y de laboratorio entre pacientes con enfermedad neurológica asociada a dengue y solo con enfermedad neurológica
Diagnostics – Prognostics – Clinical	Effect of previous Zika virus exposure on acute dengue infection
Diagnostics – Prognostics – Clinical	Evidence of dengue viral markers among blood donors in two selected blood centres in Kenya: a prospective serological study
Diagnostics – Prognostics – Clinical	Clinical and laboratory markers of the concurrent bacterial infection in children with dengue
Diagnostics – Prognostics – Clinical	Efficiency of automated viral RNA purification for pediatric studies of dengue and zika in hyperendemic areas.
Diagnostics – Prognostics – Clinical	Risk factors associated with severe dengue during the 2019 epidemic: A cross-sectional study from southern Colombia.
Diagnostics – Prognostics – Clinical	The NS1-antibody response facilitates the identification of children with dengue and zika during different clinical and epidemiological outbreaks of flaviviruses.
Diagnostics – Prognostics – Clinical	InBios' Dengue Immunoassays: Current Performance and Future Objectives
Diagnostics – Prognostics – Clinical	Clinical and Laboratory Behavior in the different phases of Dengue in a reference pediatric population in Cartagena de Indias during an epidemic.
Diagnostics – Prognostics – Clinical	Assessment of a phase 2 community-based study design to inform on the clinical evaluation of JNJ-1802, a first-in-class dengue antiviral under development
Diagnostics – Prognostics – Clinical	PRODUCTION OF DENGUE VIRUS' RECOMBINANT PROTEINS FROM SEROTYPES 1 TO 4 IN EUKARYOTIC CELLS FOR THE DEVELOPMENT OF DIAGNOSTIC TESTS
Diagnostics – Prognostics – Clinical	Predicting Clinical Outcomes of Dengue Fever: An Observational and Analytical Cohort Study Using Machine Learning Techniques
Diagnostics – Prognostics – Clinical	CLINICAL IMPACT OF DENV AND SARS-COV-2 CO-INFECTION IN HOSPITALIZED PATIENTS
Diagnostics – Prognostics – Clinical	Misuse of transfusion in recent dengue epidemic in a public hospital in Lima, Peru. 2023. Preliminary report
Diagnostics – Prognostics – Clinical	Validation of an NS1 and IgM rapid test in the early diagnosis of dengue in a primary health care centre in Bucaramanga, Colombia during the years 2018-2020.
Immunology – Vaccines	NS3 protein as potential vaccine candidate against dengue virus
Immunology – Vaccines	A randomized phase III trial of the efficacy and safety of TAK-003 after 4.5 years of follow-up: results of children/adolescents from Brazil
Immunology – Vaccines	Evaluation of systemic immune response after yellow fever infection: an observational study on patients from the 2017-2018 sylvatic outbreak in Brazil
Immunology – Vaccines	A Humanized Mouse Model for Dengue Virus Infection and Vaccination
Immunology – Vaccines	TLR2-mediated infection in classical monocytes drives inflammatory response to dengue virus

Immunology – Vaccines	Fc gamma receptor IIB plays an essential role in controlling chikungunya virus-induced arthralgia
Immunology – Vaccines	Inhibition of PI3Ky Attenuates Neuroinflammation and Neuronal Cell Death Induced by Zika Virus: Implications for Novel Treatment Strategies.
Immunology – Vaccines	Unraveling the Crucial Role of the CCR2/CCL2 Axis in Mayaro Virus-Induced Bone Pathology.
Immunology – Vaccines	Potency and breadth of 17D-elicited neutralizing antibodies against wild-type yellow fever viruses in a non-endemic cohort with diverse flavivirus infection histories.
Immunology – Vaccines	Characterization of CD4+ T contribution during secondary ZIKV or DENV2 exposure in dengue-immune Non-Human Primates.
Immunology – Vaccines	Different Species of Non-Coding RNA generated in DENV2 and DENV4 infections
Immunology – Vaccines	Antigenic Diversity and Association with Outcome of Dengue Infection Following Tetravalent Dengue Vaccination
Immunology – Vaccines	Use of a stabilized conformational dengue virus serotype 2 envelope antigen to isolate memory-derived neutralizing monoclonal antibodies from a convalescent patient.
Immunology – Vaccines	Antibody correlates of protection against severe dengue disease
Immunology – Vaccines	Longitudinal analysis of antibody trajectories against dengue and Zika viruses in a cohort living in the Yucatan peninsula
Immunology – Vaccines	Durable type-specific cytolytic CD4+ T cell immunity after DENVax (TAK001) in flavivirus-naives
Immunology – Vaccines	Circulating extracellular vesicles increase endothelial permeability in dengue through inflammatory cytokines and eicosanoids signaling
Immunology – Vaccines	Dengue virus Envelope displayed on Self-assembled ferritin nanoparticles elicit neutralizing antibodies
Immunology – Vaccines	Structural Studies of Flavivirus – Antibody Interactions
Immunology – Vaccines	AN OPEN-LABEL, PHASE 2 STUDY EVALUATING CELL-MEDIATED IMMUNE RESPONSE AND SAFETY OF A TETRAVALENT DENGUE VACCINE IN CHILDREN AND ADOLESCENTS AGED 4–16 YEARS
Immunology – Vaccines	Deciphering the role of CD4+ T cells in modulating B cell repertoire diversity and functionality after a heterologous ZIKV challenge in subjects with prior DENV immunity.
Immunology – Vaccines	Relation of cocirculating dengue virus, NS1-specific antibody response and clinical outcome in Colombian children
Immunology – Vaccines	Complement-fixing antibody response following vaccination with a live-attenuated dengue vaccine in a Phase III clinical study with seronegative adult participants from non-endemic area
Immunology – Vaccines	NS1 specific antibodies elicited by the yellow fever vaccine 17D
Immunology – Vaccines	Development of a nucleic acid vaccine for Dengue virus serotypes 2 and 3
Immunology – Vaccines	Diversity, quality, magnitude, and functionality of the humoral response to a live-attenuated tetravalent dengue vaccine in pediatric participants from a phase 3 efficacy trial
Immunology – Vaccines	The type I and type III interferon responses protect against tick-borne flaviviruses through IFI6
Immunology – Vaccines	A GOLD NANOROD-NANOSTRUCTURED SUBUNIT VACCINE AGAINST DENGUE GENERATES ROBUST IMMUNE RESPONSES AND PROTECTS AGAINST DISEASE IN MICE
Immunology – Vaccines	Modulation of complement regulatory molecules in infected and bystander cells during Dengue virus infection
Vector Biology – Ecology – Control	Dynamics of dengue, zika and chikungunya viruses through entomo-virological surveillance in four arbovirus endemic areas of Mexico during the period 2018-2022
Vector Biology – Ecology – Control	Monitoring wMel introgression with oviposition traps as an alternative to BG-Sentinel trapping of adult Aedes aegypti during Wolbachia-based vector control
Vector Biology – Ecology – Control	Susceptibility of United States-Mexico border Aedes aegypti mosquitoes for Mayaro virus
Vector Biology – Ecology – Control	Determinants of Aedes aegypti and Culex spp. Landing Activity on Human Bait in a Northern Ecuador
Vector Biology – Ecology – Control	Identification of metabolomic profile of the mosquitoes diet by UHPLC-MS technique in the river basins in Lima - Peru
Vector Biology – Ecology – Control	ANÁLISIS COMPARATIVO DE LA MORFOMETRÍA ALAR DE MOSQUITOS (DIPTERA: CULICIDAE) ENTRE LAS 2 VERTIENTES DE LOS ANDES DEL PERÚ, EN LA GRADIENTE ALTITUDINAL
Vector Biology – Ecology – Control	COMPARATIVE ANALYSIS OF THE WING MORPHOMETRICS OF MOSQUITOES (DIPTERA: CULICIDAE) BETWEEN THE 2 SLOPES IN TH PERUVIAN ANDES, ACROSS AN ALTITUDINAL GRADIENT
Vector Biology – Ecology – Control	Detection of dengue and chikungunya viruses in mosquitoes from Paraguay
Vector Biology – Ecology – Control	Country-wide scope of pyrethroid resistance in Aedes aegypti in Peru and implications for resistance management
Vector Biology – Ecology – Control	Vector competence in Aedes aegypti (Linnaeus, 1762) and Aedes albopictus (Skuse, 1894) from Colombia, infected to CHIKV and ZIKV
Vector Biology – Ecology – Control	A cluster randomized controlled trial assessing the efficacy of preventive targeted indoor residual spraying to reduce Aedes-borne viral illnesses in Merida, Mexico.

Vector Biology – Ecology – Control	Effectiveness of CYTROL 10.8 ULV (Technical Cypermethrin 10.8% P/V and Piperonyl Butoxide 4.5% P/V) in <i>Aedes(S) aegypti</i> (Diptera: Culicidae), control in Cárdenas, Matanzas Cuba. 2023
Vector Biology – Ecology – Control	Distribución espacial e influencia climática en áreas infestadas de <i>Aedes aegypti</i> (Diptera: Culicidae) en la transmisión de dengue en Antioquia, Colombia
Vector Biology – Ecology – Control	Wolbachia: A New Tool to Enhance the Efficiency, Cost-Effectiveness and Sustainability of Integrated Vector Management in Colombia
Vector Biology – Ecology – Control	Association of water availability and <i>Aedes aegypti</i> pupae and adults in an urban/rural mosaic in Nicaragua
Vector Biology – Ecology – Control	Spatial and temporal analysis on the impact of ultra-low volume indoor insecticide spraying on <i>Aedes aegypti</i> household density
Vector Biology – Ecology – Control	Entomo-virological surveillance for different arbovirus in urban and rural areas of Colombia.
Vector Biology – Ecology – Control	16S rRNA Metagenomic characterization of individual midgut microbiota of <i>Aedes aegypti</i> larvae from hatchery and two localities of Tumbes, Peru
Vector Biology – Ecology – Control	A field analysis of the site selection behavior for oviposition of Female Aquatic Mosquitoes (Diptera: Culicidae)
Vector Biology – Ecology – Control	Populations of <i>Aedes aegypti</i> across a remote region of the Peruvian Amazon
Vector Biology – Ecology – Control	Geospatial distribution of <i>Aedes aegypti</i> mosquitoes and bridge vectors in Mexico
Vector Biology – Ecology – Control	Zika virus infestation in mosquito vectors: Preliminary results from viral surveillance in Goiânia, Goiás - Midwest Brazil
Vector Biology – Ecology – Control	Field assessment of VectoMax-G® larvicide application for controlling <i>Aedes</i> mosquito populations using ovitraps in the city of Yaoundé, Cameroon
Vector Biology – Ecology – Control	Larval ecology and host-seeking and biting behavior of <i>Aedes</i> sp in a context of dengue re-emergence in the city of Ouagadougou
Vector Biology – Ecology – Control	Entomological risk stratification as an essential tool for the surveillance of <i>Aedes aegypti</i> (Diptera:Culicidae) in the current Cuban context
Vector Biology – Ecology – Control	Insecticide susceptibility status in <i>Aedes aegypti</i> larval populations from the western, central and eastern regions of Cuba
Vector Biology – Ecology – Control	Effect of Bisphenol A (BPA) exposure on development, immune response, and vector competence to dengue virus in <i>Aedes aegypti</i> mosquitoes.