

Pre-Congress Meeting
Iberoamerican Flow Cytometry Meeting
May 13th-14th, 2018



ALAI
SMI
Cancun 2018

SYMPOSIA AND KEYNOTE LECTURES

Sunday 13th <i>Salón Isla</i>		Monday 14th <i>Salón Isla</i>
7:00- 8:00	Registration	
8:00-8:10	Welcome (Dr. Lourdes Arriaga-Pizano, Mexico. MSI & ISAC Member)	
8:10-9:10	Opening Lecture: “Next generation cytometry ¿Are still cells to discovered?” Dr. Alberto Orfao (Centro de Investigación del Cáncer, Universidad de Salamanca-España)	
9:10-11:00	Symposium 1. Symposium 1. Quality Control: Standarization & Harmonization Objective: Discuss the guidelines and significance of quality control of instruments for high quality and reproducible data <i>Chair: Dr. Roxana del Río Guerra; Co-chair: MSc Jessica L. Prieto-Chávez</i> 1) “Flow Cytometry in the Clinical Laboratory: Assurance of the Quality Process from the Sample to the Final Report” Dr Rodolfo Patussi Correia, (Technical Head Flow Cytometry Core. Hospital Israelita Albert Einstein (Sao Paulo, Brazil) 2) “Instrument harmonization for high quality and reproducible data in line with ISO 15189” Dr. Ricardo Morilla (Head of Immunophenotyping. Senior Clinical Scientist, Center for Molecular Pathology. The Royal Marsden Hospital. (United Kingdom) 3) “EuroFlow standardization for current flow cytometry applications” Dr. Juan Flores Montero (Centro Investigación del Cancer, Servicio de Citometría, Universidad de Salamanca, España. Miembro Consorcio Euroflow)	
11:00-11:30	Coffee Break & Commercial Runway	
11:30-12:50	Symposium 2. Nanoparticle & other Non-conventional systems analysis by flow Objective: Review the advancements and limitations on flow cytometry analysis of nanoparticles, plankton and plants as well to explored new cytomc applications and platforms for cytomc analysis <i>Chair: Dr Heriberto Prado García</i> 1) “Your limitation is your imagination... and some technical difficulties” Dr. Alfonso Blanco-Fernández (UCD Conway Flow Cytometry Core, University of Dublin; ISAC Scholar & Member) 2) “Detection of RNA by cytometry: from the bench to screening biomarkers?” Dr. Daniel Scott-Algara. RNA Analysis, (Pasteur Institute)	Flow cytometry practical workshop (Simultaneous). LIMITED ROOM. “Salones Isla” 1 to 4, IBEROSTAR Cancún Hotel 8:00 to 16:00 h I. Becton Dickinson Biociencias: Estandarización de paneles de 8 colores en Onco-hematología Enfermedad Mínima Residual (EMR) Professors: Dr. Alberto Orfao, Julia Almeida y Daniela Lens II. Merck Millipore: “Flow Imaging: CAR-T cells, FISH Flow, CRISPR Flow” Professors: Claudia Emanuele, Brian Hall y Andres Saralegui III. Beckman-Coulter: Nanoparticles, EVS & Exosomes analysis by Flow Professors: Dr. Alfonso Blanco y Dr. Alvaro Luiz Bertho IV. ThermoFisher: PrimeFlow® RNA Assay Professors: ThermoFisher & LabNalcit Staff Special Workshop 7:00 a 9:00 Data Management: “Brains on” Workshop (For those that need a little help for the interpretation of flow cytometry data) Professors: Dr. Lourdes Arriaga-Pizano & BSc. Mihay Gonzalez García
12:50-14:00	Round Table: “Revisiting Major Myths in Flow Cytometry” <i>Chair: Dr. Julio Enrique Castañeda; Co-chair: Dr. Ismael Mancilla-Herrera</i> Objective: To discuss major issues in cytometry as experiment controls, data sharing, panel design, multiparametric platforms and analyzing masive data. 1) Dr. Andrea Cossarizza (University of Modena and Reggio Emilia School of Medicine/ISAC President) 2) Dr. Robert Balderas (BDB, R&D Director) 3) Dr. Henning Ulrich(Instituto de Bioquímica, Universidade de São Paulo, Brasil& ISAC member)	
15:00-17:00	Discussion Workshops (Simultaneous) Workshop 1. Monitoring Immune system: Research and clinical applications <i>Chair: Dr. Martha Moreno Lafont Co-chair Jairo Ricardo Villanueva Toledo</i> Objective: Review flow cytometry for applications for the analysis of: Chronic, infectious and/or metabolic diseases. 1) “Expansion and conversion of allospecific regulatory T cells for immunotherapy in kidney transplantation” Dr. Gloria Soldevila (Instituto de Investigaciones Biomédicas, Laboratorio Nacional de Citometría de Flujo/LABNALCYT UNAM) 2) “Monitoring immune response in chronic infectious diseases” Dr. Daniela Lens (Hospital de Clínicas, Montevideo-Uruguay) 3) “Flow cytometry approaches to study the immunopathogenesis of protozoan diseases: from microvesicles to cells” Dr. Alvaro Luiz Bertho (Senior Researcher of Lab. of Immunoparasitology, Head of Flow Cytometry Core Facility , Instituto Oswaldo Cruz, Fundação Oswaldo Cruz (FIOCRUZ), Rio de Janeiro, Brasil/ ISAC member) Workshop 2. Monitoring Immune system: Research and clinical applications Objective: Review flow cytometry for applications for the analysis of: Haematopoietic Maturation, Immunodeficiency analysis & Monitoring immune response to vaccination. Chair: Beatriz Pérez Romano 1) “Identification of T and NK cells and their major functional subsets by flow cytometry: application in immune monitoring” Dr. Julia Almeida (Researcher of Centro Investigación del Cancer, Servicio de Citometría, Universidad de Salamanca, España. Euroflow consortium member). 2) “Cytomic approaches to evaluate selective targeting of leukemia stem cells in mice and human” Dr. Monica Guzman (Associate Professor of Pharmacology in Medicine, Weill Cornell Medicine, New York, USA) 3) “Biomarker Discovery in Cancer Immunotherapy by using Multiparametric Cytometry” Dr. Diana L. Bonilla (Senior Research Scientist . MD Anderson Cancer Center, USA/ISAC SRL-Emerging Leader & Member, Vicepresident ISAC-associated FlowTex)	
17:00-17:30	Networking & Commercial runway	
17:30-18:30	Closing Lecture: “The future of translational cytomics” <i>Chair: Dr. Arturo Cérbulo Vázquez</i> Dr. Alejandro Ruíz Argüelles (Director de Proyectos Especiales , Laboratorios Medica Sur, México)	

Sponsors

