

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



ALAI
SMI
Cancun 2018

SYMPOSIA AND KEYNOTE LECTURES

Sunday 13th
Salón Isla

Monday 14th
Salón Isla

7:30- 8:00	Registration
8:00-8:20	Opening Ceremony Dr. Lourdes Arriaga-Pizano, Mexico. MSI & ISAC Member
8:20-9:20	Opening Lecture: “Next generation cytometry ¿Are still cells to discover?” Dr. Alberto Orfao (Centro de Investigación del Cáncer, Universidad de Salamanca-España)
9:20-11:20	Symposia (Round Table): “Revisiting Major Myths in Flow Cytometry” <i>Chair: Dr. Julio Enrique Castañeda; Co-chair: Dr. Ismael Mancilla-Herrera</i> <i>Objective: Discuss major issues in cytometry as experiment controls, data sharing, panel design, multiparametric platforms and analyzing masive data.</i> 1) Dr. Andrea Cossariza (University of Modena and Reggio Emilia School of Medicine/ISAC member) 2) Dr. Robert Balderas (BDB, R&D Director) 3) Dr. Henning Ulrich (Instituto de Bioquímica, Universidade de São Paulo, Brasil & ISAC member)
11:20-12:00	Coffee Break & Commercial Runway
12:00-14:00	SYMPOSIA (Simultaneous) Symposium 1. Quality Control: Standarization & Armonization <i>Objective: To discuss the guidelines and significance of control quality of instruments for high quality and reproducible data</i> <i>Chair: Beatriz Pérez Romano; Co-Chair: Dr. Roxana del Río Guerra</i> 1) Dr. Rodolfo Patussi Correia, (Technical head Flow Cytometry Core. Hospital Israelita Albert Einstein (Sao Paulo, Brazil) 2) 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) Symposium 2. Nanoparticle & other Non-conventional systems analysis by flow <i>Objective: To review the advancements and limitations on flow cytometry analysis of nanoparticles, plankton and plants as well to explored new cytomic applications and platforms for cytomic analysis</i> <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) 3) “Cytometry analysis of neural differentiation and cell repair” Dr. Henning Ulrich (Instituto de Bioquímica, Universidade de São Paulo, Brasil& ISAC member)
15:00-17:00	DISCUSSION WORKSHOPS Workshop 1. Monitoring Immune system for research and clinical applications <i>Chair:</i> <i>Objective: Review flow cytometry for applications for the analysis of: Chronic, infectious and/or metabolic diseases.</i> 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 dos Santos (Senior Researcher, Instituto Oswaldo Cruz, Fundação Oswaldo Cruz (FIOCRUZ), Rio de Janeiro, Brasil/ ISAC member) Workshop 2. Monitoring Immune system for research and clinical applications <i>Objective: Review flow cytometry for applications for the analysis of: Haematopoietic Maturation, Immunodeficiency analysis & Monitoring immune response to vaccination.</i> <i>Chair: Beatriz Pérez Romano; Co-Chair: Martha Moreno Lafont</i> 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 SRLEmerging 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 Cébulo Vázquez</i> Dr. Alejandro Ruíz Argüelles (Director de Proyectos Especiales, Laboratorios Medica Sur, México)

Flow cytometry practical workshop (Simultaneous). LIMITED ROOM.
(7:30- 16:00 h.)

- I. BDB Multiparametric analysis
- II. Merck Millipore (Gamets analysis and Imaging Flow)
- III. Beckman-Coulter. (Nanoparticles; EVS & Exosomes)
- IV. ThermoFisher (PrimeFlow RNA Assay)
- V. ISAC & MSI Cytometry Chapter. Data Management: “Brains on” Workshop