



Precongress Basic Flow & Image Cytometry Course

June 22–23, 2012

Leipzig, Germany at the Congress Center Leipzig

Immediately prior to



Senior ISAC faculty will teach the fundamentals of flow and image cytometry in a series of practical modules using the latest equipment. In addition to the two combined flow and image modules, students may select 5 flow or image modules over the 1 and a half day course.

Combined Flow and Image Modules

Experimental Design and the Applicability of Flow and/or Image Cytometry - *J.Paul Robinson*
Fluorescence and Fluorochromes - *Alan Waggoner*

Flow Modules

Basics of Flow Cytometry - *William Telford*
Cell Cycle and Proliferation - *Willem Corver*
Apoptosis - *Michael Ormerod*
Phenotype Analysis - *Paresh Jain*
Stem Cell Analysis – *Ian Dimmick*
Cytokine Analysis – *Andreas Radbruch*
Standards and Controls – *Joanne Lannigan*

Image Modules

Fundamental Optics and Basic Digital Microscopy - *Bartek Rajwa*
Basic Image Analysis - *Gustavo Rohde*
Multi-dimensional & time-series microscopy-tracking dynamic events - *Rachel Errington*
In-vivo imaging - *TBD*
Super-Resolution and PALM – *Reiner Heinzman*
Quantitative Interactions FRET/FLIP/FCS - *TBD*
High content screening - *TBD*
High-throughput Tissue Cytometry – *Brian McClintock*

View the schedule at: <http://cytoconference.org/CYTO/pages/pre-congress-course.aspx>