**Agenda**

**42nd Annual Course in Cytometry**

**Research Methods and Applications**

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| **Saturday, June 8** |  |  |
| *7:00 – 9:30 pm* | *Registration and Wine & Cheese Reception* | *Health Sciences Learning Center (HSLC) Atrium* |
| **Sunday, June 9** | **All Sunday Lectures in HSLC 1345** |  |
| *10:00am – 11:30pm* | *Brunch* | *HSLC Atrium* |
| 9:30am – 11:30am | Late Registration | HSLC Atrium |
| 11:30am – 11:45am | Welcome | Manish Patankar, PhD |
| 11:45am – 12:30pm | Cytometry Basics | Jennifer Wilshire, PhD |
| 12:30pm – 1:15pm | Acquisition Basics | Mark Naivar |
| 1:15pm – 2:00pm | Fluorescence in Cytometry | Kathy Muirhead, PhD |
| 2:00pm – 2:45pm | Immunology Basics | Joseph Tario, PhD |
| *2:45pm – 3:15pm* | *Coffee Break* | *HSLC Atrium* |
| 3:15pm – 4:00pm | Proliferation Analysis | David Hedley, MD |
| 4:00pm – 4:45pm | Modeling Basics | C. Bruce Bagwell, MD, PhD |
| 4:45pm – 5:30pm | Next Generation Cell Sorting: Tools and Methods | Joe Trotter, PhD |
| *5:30pm – 6:00pm* | *Coffee Break* | *HSLC Atrium* |
| 6:00pm – 7:00pm | Keynote Lecture: Cellular Composition and Plasticity at the Maternal-Fetal Interface | Aleksandar Stanic-Kostic, MD, PhD |
| *7:00pm – 8:00pm* | *Dinner* | *HSLC Atrium* |
| **Monday, June 10** | **All Monday Lectures in HSLC 1325** |  |
| 8:00am – 8:45am | Cytometry of Microvesicles | Joanne Lannigan, MS |
| 8:45am – 9:30am | Advanced Compensation | Dagna Sheerar, SCYM(ASCP) |
| 9:30am – 10:15am | Cytometry of Apoptosis | William Telford, PhD |
| 10:15am – 10:45am | *Coffee Break* | HSLC Atrium |
| 10:45am – 11:30am | Multicolor Immunophenotyping | Fred Preffer, PhD |
| 11:30am – 12:15pm | Tracking Cell Trafficking & Function | Kathy Muirhead, PhD |
| 12:15pm – 1:00pm | Introduction to Spectral Flow Cytometry | Monica DeLay, MS, SCYM(ASCP)CM |
| *1:00pm – 2:00pm* | *Lunch* | *HSLC 1220/1222* |
| 2:05pm – 6:05pm | Lab Session 1 | See Lab Schedule for Location |
| **Tuesday, June 11** | **All Tuesday Lectures in HSLC 1345** |  |
| 8:00am – 8:45am | Mass Cytometry | Michelle M. Poulin, PhD |
| 8:45am – 9:30am | Chromosome Sorting & Genomics | L Scott Cram, PhD |
| 9:30am – 10:15am | Fluorescent Proteins & Cytometry | David Galbraith, PhD |
| *10:15am – 10:45am* | *Coffee Break* | *HSLC Atrium* |
| 10:45am – 11:30am | Integrating Imaging & Flow Cytometric Analysis of Erythropoiesis | Kathleen McGrath, PhD |
| 11:30am – 12:15pm | Flow Cytometry Instrument Innovations | James Freyer, PhD |
| *12:30pm – 1:30pm* | *Lunch* | *HSLC Atrium* |
| 1:35pm – 5:35pm | Lab Session 2 | See Lab Schedule for Location |
| *6:00pm – 8:30pm* | *Sponsor’s Night* | *ILC, 3rd Floor of HSLC* |
|  | *Meet and greet the sponsors! Come check out the latest offerings from our generous sponsors. Enjoy live demos & more.* | *Beer, Wine & Hors d’oeuvres* |
| **Wednesday, June 12** | **All Tuesday Lectures in HSLC 1325** |  |
| 8:00am – 8:45am | Monitoring Immune Function by Flow Cytometry | Paul Wallace, PhD |
| 8:45am – 12:45pm | Lab Session 3 | See Lab Schedule for Location |
| *12:45pm – 1:45pm* | *Lunch* | *HSLC Atrium* |
| *1:45pm – 5:30pm* | *Free Afternoon* | *Shuttles to State Street at WIMR entrance* |
|  | *Enjoy a free tour of Madison’s Capitol Building, Shopping & Dining on State Street, or other independent activities* |  |
| **Thursday, June 12** | **Tuesday am Lecture in HSLC 1325** |  |
| 8:00am – 8:45am | Intracellular Cytometry | Vince Shankey, PhD |
| 8:45am – 12:45pm | Lab Session 4 | See Lab Schedule for Location |
| *12:45pm – 1:45pm* | *Lunch* | *HSLC 1220/1222* |
| 1:45pm – 5:45pm | Lab Session 5 | See Lab Schedule for Location |
| *6:00pm – 10:00pm* | *Dinner & Networking in the Duck Blind at the Madison Mallards Baseball Game* | *Bus at WIMR entrance for transportation to game* |

A refreshment break will be provided during the lab sessions outside HSLC 1309. Specific break times will vary depending on lab and instructor.