

# NIH Flow Cytometry Interest Group meeting

Friday, May 8<sup>th</sup>, 2009  
9:00 AM to 5:00 PM

NIH Bethesda campus  
Building 10  
Lipsett Auditorium

## Agenda:

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| 9:00 AM – 9:15 AM   | Introduction and FCIG business  |
| 9:15 AM – 10:00 AM  | <b>Mark Connors, M.D., Ph.D.</b><br>Clinical and Molecular Retrovirology Section<br>NIAID-NIH<br><br><i>“Qualitative features of an effective immune response to HIV”</i>   |
| 10:00 AM – 10:30 AM | <b>Shoba Amarnath, Ph.D.</b><br>Experimental Transplantation and Immunology Branch<br>CCR-NCI-NIH<br><br><i>“Human T Cell rapamycin resistance and Th1/Tc1 polarization augment xenogeneic graft-versus-host disease”</i> |
| 10:30 AM – 11:00 AM | <b>Simon Metenou, Ph.D.</b><br>Helminth Immunology Section<br>NIAID-NIH<br><br><i>“TBA”</i>   |
| 11:00 AM - 11:15 AM | Coffee break and vendor show. Coffee is sponsored by <b>Millipore</b>   |
| 11:15 AM – 11:45 AM | <b>Gary Bright, Ph.D.</b><br>Senior Director, Applications Development<br>Cytellect, Inc.<br><br><i>“Automated high-throughput laser-mediated cell manipulation coupled with cell imaging on LEAP”</i>                    |
| 11:45 AM – 12:15 PM | <b>Kevin Holmes, Ph.D. and Steve Perfetto, M.S.</b><br>Flow Cytometry Section<br>Vaccine Research Center<br>NIAID-NIH   |

***“The NIH Flow Cytometry Biosafety Task Force: An update”***

12:15 PM to 1:00 PM

**Joanne Lannigan, M.S.**  
Director, Flow Cytometry Core Laboratory  
University of Virginia Medical School

***“Redefining flow cytometry: Where fluorescence, throughput, and statistics meet morphology”***

1:00 PM to 1:30 PM

Lunch and vendor show. Lunch is sponsored by **BD Biosciences.**

1:30 PM to 5:00 PM

**HANDS-ON AFTERNOON WORKSHOPS**

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## Hands-On Afternoon Workshops

The following instrument workshops will be held from **1:30 PM to 5:00 PM**, immediately after the lunch. All workshops are in Building 10, with the exception of the Beckman-Coulter workshop in Building 37. Workshops will be continuous, so please feel free to visit more than one.

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### **Workshop #1**

***Beckman-Coulter Gallios flow cytometer demonstration***

Location: Building 37 Room 4016  
Led by: Umbereen Ahmed

The Beckman-Coulter Gallios is a fully digital three-laser, 10 color flow cytometer with integrated autoloader capability. This workshop will demonstrate the instrument and its software, and allow attendees a hands-on experience with this new technology.

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### **Workshop #2**

***Intellicyt HyperCyt demonstration***

Location: TBD  
Led by: Bruce Edwards and David Choiniere

Intellicyt will demonstrate their HyperCyt 96-well sampling system.

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### **Workshop #3**

#### ***Stratedigm S1000 flow cytometer demonstration***

Location: Building 10-CRC Room 3-3297  
Led by: Francisco Chang and Shervin Javidi

The Stratedigm S1000 flow cytometer can accommodate up to four custom lasers and analyze up to 10 colors simultaneously. This workshop will allow hands-on access to the new flow cytometer and its software system.

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### **Workshop #4**

#### ***Cytek Development Dxp8 Digital FACSCalibur demonstration***

Location: Building 10-CRC Room 3-3281  
Led by: Ray Lannigan

Cytek Development will upgrade conventional BD FACScans and FACSCaliburs to three-laser, eight color digital platforms. Their Dxp8 analyzer with FlowJo Collectors Edition software will be available for demonstration.

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