

Scientific Agenda

Great Lakes International Imaging and Flow Cytometry Association

September 30 - October 1 - 2, 1994

Friday Evening September 30

8:00 - 11:00 PM **Reception**, Open Bar 8 - 10 PM (Exhibit/ Poster Area)
Sponsored by **PharMingen**

Saturday Oct. 2

7:30 - 9:00 AM Continental Breakfast in Exhibit/ Poster Area

8:45 AM Welcoming Remarks

Plenary Session I - Flow Cytometry (Woodward Room)

Charles Hitchcock/ Awtar Krishan.... Chairs

9:00 - 9:40 S-Phase Fraction Analysis - What's Significant?
Charles Hitchcock, Ohio State University

9:40 - 10:20 Studies on Platelet Activation in Native Blood by
Multiparametric Flow Cytometry.
Michael Koza, Loyola University, Chicago

10:20 - 10:40 Coffee Break

10:40 - 11:20 Direct Comparison of Flow Cytometry Standards.
Rebecca Poon, Sigma Immunochemicals, St. Louis, MO

11:20 - 12:00 CD64 (high affinity Fc receptor) Neutrophil Activation
Bruce H. Davis, William Beaumont Hospital, Royal Oak, MI

12:00 - 1:00 Lunch (Commons and Michigan Rooms)

1:00 - 2:00 Poster Viewing (Exhibit/ Poster Area)

Plenary Session II - Image Cytometry (Woodward Room)

Marylou Ingram/ David Hedley... Chairs

2:00 - 2:30 Image Cytometry: Historical Perspective **Marylou Ingram**,
Huntington Medical Research Institutes, Pasadena, CA

2:30 - 3:00 Immunochemical Image Analysis of Structures Involved in
Collagen-Induced T Cell Invasion
Stuart Ratner, Michigan Cancer Fnd.

3:00 - 3:30 Automated Interactive Microscopy: Challenges and
Opportunities in 3D Image Cytometry
Albert Gough, Carnegie Mellon Univ. Pittsburgh, PA

3:30 - 4:00 Quantitative Analysis of Fluorescence In Situ Hybridization
by Confocal Microscopy
Stefan Burde, University of Rochester

3:30 - 5:00 Posters/ Exhibits
Wine and Cheese Happy Hour

Presidential Symposium: (Woodward Room)

5:00 - 5:15 Evaluation of Routine Surface Immunoglobulin (SIg) Analysis
in Bone Marrows for non-Hodgkins Lymphoma (NHL)
Staging.

Lori Rudzitis Victoria Hospital, London, Ontario
(Tech Award)

5:15 - 5:30 Aprotinin Modulation of Platelet Activation in
Cardiopulmonary Bypass (CPB) Patients

Craig Primak Loyola University (Pre-doc Award)

5:30 - 5:45 Flow Cytometric Assay for Viability of Leukocytes from
Several Species Using Fluorescent Probes.

Lisa M. J. Smith University of Guelph,
Guelph, Ontario (Post Doc Award)

5:45 - 6:00 Effects of Polyamine Modulation on Melme-3M Human
Melanoma Growth and Cell Cycle Regulation...

Kathryn E. Seweryniak Roswell Park Cancer Institute,
Buffalo, NY (Grad. Std. Award)

- 6:00 - 6:30 Business Meeting
Presentations: Graduate Student Award, Pre-Doc Award,
Technician Award, Post-Doc Award and Travel Awards
- 6:30 - 8:00 Free Time
(Bar available for break in Commons and Michigan Rooms)
- 8:00 - 12:00 **TOGA FLOWDOWN** (Woodward Room) Sponsored by
Becton Dickinson Immunocytometry Systems

Sunday Oct 2

7:30 - 9:00 AM Continental Breakfast in Exhibit/ Poster Area

Plenary Session III -Developments in Flow and Image Instrumentation
(Woodward Room)
James Leary, Paul Robinson... Chairs

9:00 - 10:00 Commercial Session:

Quantitative FISH Analysis Using the Insight-Plus™
Norma Eglesias, Clinical Products Manager, Meridian
Instruments, Inc.

Automated Data Analysis in Flow Cytometry.
Mark Jahnsen, Associate Product Manager, Becton
Dickinson Immunocytometry Systems

10:00 - 10:30 Coffee Break

10:30 - 11:55 New Technologies

A. Sorting Cells for Molecular Analyses:
Sorting Small Numbers of Cells for Subsequent Molecular
Analyses.

James Leary, University of Rochester

B. Computer Networks for Flow and Image Cytometry.

1. Introduction to Internet Resources or
How to Surf the Net.

Stefan Burde, University of Rochester

2. Networking in the Flow and Image Environment.

Steve Kelley, Purdue University

11:55 - 12:00 PM Closing comments and adjournment of meeting -
Carleton Stewart

**N.B. A brunch (pay your own) will be available in the restaurant after
12PM.**