



CytoMore and More - 2018
7th Modena Advanced Course in Cytometry
2nd ISAC Advanced School of Cytometry
Modena, September 17-21, 2018

Final Program

Monday, Sept. 17

(Room T02, Centro Congressi, University Hospital - via del pozzo, 71)

- 8:30-9:00 Welcome remarks, Introduction and presentation of the course
- 9:00-10:00
Borsellino, Giovanna Deep Immunophenotyping of human peripheral blood cells.
- 10:00-11:00
Kalina, Tomas Inference of branching developmental pathways in the highly complex mass cytometry datasets of lymphocytes' development.
- 11:00-11:15 coffee break*
- 11:15-12:15
Annunziato, Francesco Molecular mechanisms controlling Th17 responses.
- 12:15-13:15
Robinson, J. Paul Flow Cytometry Quo Vadis: Is it Spectral Cytometry?
- 13:15-14:30 Lunch*
- 14:30-15:30
O'Connor, Enrique Cytomics of Oxidative and Nitrosative Stress.
- 15:30-16:30
Cossarizza, Andrea Cytometry of rare events
- 16:30-17:30
Chevrier, Stephane Highly multiplexed imaging of tissues with subcellular resolution by imaging mass cytometry.
- 17:30-18:00 Q/A of the day
- 20:00-23:00 Dinner with typical Modena food (Osteria Al Pozzo)**

Tuesday, Sept. 18
(Room T02, Centro Congressi, University Hospital - via del pozzo, 71)

9:00-10:00

Chang, Hyun-Dong Cytometry of Immunity and Immunopathology

10:00-11:00

Roederer, Mario How does the body count immune cells?

11:00-11:15 coffee break

11:15-12:15

Chattopadhyay, Pratip Building a high content, precision immunology program to support cancer trials.

12:15-13:15

Petriz, Jordi Acoustic Oddities: Take Your Fluorescent Probes and Put The Acoustics On.

13:15-14:30 Lunch

14:30-15:30

Lugli, Enrico Discovering T cell subsets

15:30-16:30

Smith, Paul Nuclear cytometry: probes and drugs.

16:30-17:30

Luche, Hervé Mass Cytometry or a deep dive in the Cytomics era.

17:30-18:00 Q/A of the day

Free dinner

Wednesday, Sept. 19 (Istituti Biologici, via Campi 287, 4th and 5th Floor)

9:00-10:30

De Biasi, Sara Multicolour panel design

10:30-10:45 coffee break

10:45-12:45 Hands on machines, session n. 1

13:00-14:00 Lunch

14:00-16:00 Hands on machines, session n. 2

16:15-18:15 Hands on machines, session n. 3

20:00-23:00 Surprise Dinner

Thursday, Sept. 20 (Istituti Biologici, via Campi 287, 4th and 5th Floor)

9:00-10:30

Maciorowski, Zosia Quality Control and Troubleshooting in Flow Cytometry.

10:30-10:45 coffee break

10:45-12:45 Hands on machines, session n. 4

13:00-14:00 Lunch

14:00-16:00 Hands on machines, session n. 5

16:15-18:15 Hands on machines, session n. 6

Friday, Sept. 21 (Istituti Biologici, via Campi 287, 4th and 5th Floor)

9:00-10:30

Andrius Serva (Fluidigm), **Filippo Boniardi** (Euroclone): workshop

10:30-10:45 coffee break

10:45-12:45 Hands on machines, session n. 7

13:00-14:00 Lunch

14:00-15:30 **Flow Jo**: workshop

15:30-17:00

Hervé Luche: The future of data analysis



WORKSHOPS

Beckman Coulter (5th floor):

- Easy multicolor analysis

Becton Dickinson (4th floor):

- Multicolor experience: Brilliant solutions for an innovative research

Bio-Rad (5th floor):

- Sorting made easy
- High-Troughput multicolor regulated cell death analysis

Flow-Jo (5th floor):

- Let the Dataset Change Your Mindset

Fluidigm/Euroclone (5th floor):

- News in the Software and data analysis

Miltenyi (4th floor):

- Breaking the rules of cell sorting: the MACSQuant Tyto

Sony (4th floor):

- Cell Sorting on Sony MA900

ThermoFisher (5th floor):

- Searching for rare events