



ISAC LETF

Ljubljana Cytometry
Workshop

2018

May 4 - 6, 2018
Ljubljana | Slovenia



WORKSHOP VENUE

Faculty of Medicine, University of Ljubljana
Korytkova 2, Ljubljana, Slovenia

Lectures during the whole course will take place at the Medical faculty, Medium lecture hall (Srednja predavalnica).

FACULTY MEMBERS & WET-LAB LEADERS

Sue Chow | University of Toronto and Princess Margaret Hospital, Toronto, Canada

David Hedley | University of Toronto and Princess Margaret Hospital, Toronto, Canada

Tomas Kalina | CLIP Cytometry, Department of Pediatric Hematology and Oncology, Charles University, Prague, Czech Republic

Zosia Maciorowski | Curie Institute, Paris, France

Hana Glier | FACS/Stem cell laboratory, Institute of Laboratory Medicine, Cantonal Hospital Aarau, Switzerland

Alojz Ihan | Microbiology and Immunology, Faculty of Medicine, University of Ljubljana, Slovenia

Matthias Schiemann | Institute for Medical Microbiology, Immunology and Hygiene, Technische Universität München, Germany

Andreas Spittler | Core Facility Flow Cytometry & Surgical Research Laboratories, Medical University of Vienna, Austria

Bill Telford | Center for Cancer Research, National Cancer Institute, Bethesda, MD, USA

Claudio Vallan | FACS Laboratory, Department of Clinical Research, University of Bern, Switzerland

MEETING ROOMS / LABORATORIES

- W1** Room No. 1, 5th floor | Bio-Rad, S3 sorter
- W2** Room No. 2, 5th floor | Becton Dickinson, BD FACSCanto II
- W3** Room No. 3, 5th floor | Becton Dickinson, BD FACSLytic
- W4** Room No. 4, 5th floor | Meeting room
- W5** Room No. 5, 4th floor | Beckman Coulter, CytoFLEX
- ML** Ground floor | Medium lecture hall

Ground floor foyer: coffee breaks, lunches, registration & information desk

ATTENDEES GROUPS

A: Experimental

B: Basic

C: Clinical

D: Group combined

ACCOMPANYING PROGRAM

Saturday, May 5, 2018

Guided tour of Ljubljana | 18:00 meeting point at the registration desk

Social dinner | 20:00, Gostilna na gradu, Grajska planota 1, Ljubljana

SCHEDULE

Friday, May 4, 2018

ML Medium lecture hall

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|---------------|--|
| 12:00 – 13:00 | Registration (open during the whole workshop) |
| 13:00 – 13:15 | WELCOME |
| 13:15 – 14:00 | Basics of flow cytometry , Zosia Maciorwski |
| 14:00 – 14:30 | Company presentation Beckman Coulter |
| 14:30 – 15:15 | Basic data analysis and presentation , Tomas Kalina |
| 15:15 – 15:45 | Coffee break |
| 15:45 – 16:05 | Company presentation Becton Dickinson |
| 16:05 – 16:50 | Multicolor panel design , Zosia Maciorwski |
| 16:50 – 17:05 | Company presentation Thermo Fisher Scientific |
| 17:05 – 17:50 | FCM diagnostics and functional tests in autoinflammatory diseases – clinical cases , Alojz Ihan |
| 17:50 – 18:05 | Company presentation MERCK |

Saturday, May 5, 2018

	GROUP A	GROUP B	GROUP C	GROUP D
8:30 – 9:15	Quality Control and Troubleshooting, Zosia Maciorwski			ML
9:15 – 9:45	Coffee break			
9:45 – 11:45	W5 Intracellular antibody evaluation David Hedley, Sue Chow BC CytoFLEX	ML Build your own cytometer Bill Telford	W3 Panel development for multicolor flow cytometry, Tomas Kalina BD FACSLyric	W2 Multicolor flow cytometry - Basic Zosia Maciorwski BD CANTO II
11:45 – 12:45	Lunch			
12:45 – 14:45	W4 Data analysis and presentation Claudio Vallan	W2 Multicolor flow cytometry - Basic Zosia Maciorwski BD CANTO II	W5 Intracellular antibody evaluation David Hedley, Sue Chow BC CytoFLEX	W3 Panel development for multicolor flow cytometry Tomas Kalina BD FACSLyric
14:45 – 15:15	Coffee break			
15:15 – 17:15	W1 Cell sorting basic Matthias Schiemann BIO RAD S3	W5 Intracellular antibody evaluation David Hedley, Sue Chow BC CytoFLEX	W3 Stem cell assays Bill Telford BD FACSLyric	W4 Data analysis and presentation Claudio Vallan

18:00 Guided tour of Ljubljana

20:00 Social dinner

Sunday, May 6, 2018

	GROUP A	GROUP B	GROUP C	GROUP D
8:00 – 10:00	W5 Microparticles Andreas Spittler BC CytoFLEX	W3 Panel development for multicolor flow cytometry Tomas Kalina BD FACSLyric	W4 Leukemia lymphoma phenotype and minimal residual disease Hana Glier	ML Build your own cytometer Bill Telford
10:00 – 10:30	Coffee break			
10:30 – 12:30	W3 Panel development for multicolor flow cytometry Tomas Kalina BD FACSLyric	W1 Cell sorting - Advanced Matthias Schiemann BIO RAD S3	W4 Data Analysis and presentation Claudio Vallan	W2 Cell signalling and phosphoproteins David Hedley, Sue Chow BD CANTO II
12:30 – 13:30	Lunch			
13:30 – 15:30	W2 Cell signalling and phosphoproteins David Hedley, Sue Chow BD FACSCanto II	W4 Data analysis and presentation Claudio Vallan	W5 Microparticles Andreas Spittler BC CytoFLEX	W1 Cell sorting - Advanced Matthias Schiemann BIO RAD S3