



5th CellMigration Retreat; IRB Bellinzona 22th to 24th September 2017

Friday, September 22, 2017

- 12:00 Arrival [IRB, Bellinzona](#) and Lunch
- 13:00-15:00** **Welcome & Session 1; Jens Stein**
- 13:00-14:00 **Tim Lämmermann, Max-Planck Institute of immunobiology and Epigenetics, Freiburg, Germany**
SWARM-LIKE MIGRATION PATTERNS IN THE IMMUNE SYSTEM
- 14:00-14:20 **Egle Radice, IRB**
FUNCTIONAL ACKR3 EXPRESSION IN THE B CELL COMPARTMENT
- 14:20-14:40 **Rafet Ameti, IRB**
ROLE OF ACKR3 IN LEUKOCYTE MIGRATION AND THE MICROARCHITECTURE OF SECONDARY LYMPHOID ORGANS
- 14:40-15:00 **Jean-Baptiste Pignier, Geneva**
MODULATING CD8⁺ T CELL LIPID METABOLISM FOR CANCER IMMUNOTHERAPY
- 15:00-15:30 *Coffee Break*
- 15:30-18:00** **Session 2; Chair Carole Bourquin**
- 15:30-16:10 **Roger Geiger, IRB**
TRANSLATIONAL DYNAMICS IN NAIVE AND ACTIVATED T CELLS
- 16:10-16:30 **Flavian Thelen, TKI**
A TISSUE MACROPHAGE NETWORK ENABLES T CELL-AUTONOMOUS EXOCRINE GLAND SURVEILLANCE
- 16:30-16:50 **Xenia Ficht, TKI**
INTERPLAY BETWEEN SMALL GTPASES ENABLES TISSUE-RESIDENT T CELL SURVEILLANCE OF SALIVARY GLANDS
- 16:50-17:10 **Ana Marcos, TKI**
EFFECT OF THE TYROSINE KINASE INHIBITOR DASATINIB IN LYMPHOCYTE TRAFFICKING
- 17:30-18:00** **2 min poster teaser**
Pari Kargaran, Sidar Aydin, Nora Ruef, Viola Puddinu, Samson Guerric, Ersin Gul, Betül Taskoparan, Barbara Jakobs
- 19:00 *check in and Dinner, [Hotel Unione](#), Via Général Henri Guisan 1, Bellinzona*
- 21:00-22:00** **Poster presentations and wine/beer at IRB**

Saturday, September 23, 2017

- 07:30-09:00 *Breakfast /*
- 09:00-10:40** **Session 3; Chair Britta Engelhardt**
- 09:00-10:00 **Alf Hamann, Deutsches Rheuma Forschungszentrum Berlin, Experimentelle Rheumatologie**
A SHORT HISTORY OF LYMPHOCYTE TRAFFICKING
- 10:00-10:20 **Flavia Fico, Fribourg**
A NEW MECHANISM CONTROLLING CANCER STEM CELLS IN BREAST CANCER
- 10:20-10:40 **Sandra Hocevar, Geneva**
EFFECTS OF GOLD NANOPARTICLES ON B CELLS

- 10:40-11:10 Coffee break
- 11:10-12:30 Session 4; Chair Daniel Legler**
- 11.10-11.30 **Mariana Dias, TKI**
CLAUDIN 3-DEFICIENT C57BL/6 MICE DISPLAY INTACT BRAIN BARRIERS
- 11:30-11:50 **Luca Marchetti, TKI**
CELLULAR AND MOLECULAR MECHANISMS DIRECTING THE PATHWAY OF TH1 VERSUS TH17 T-CELL DIAPEDESIS ACROSS THE BLOOD-BRAIN BARRIER
- 11:50-12:10 **Yagmur Farsakoğlu, IRB**
ROLE OF NATURAL KILLER CELLS IN THE IMMUNE RESPONSE AGAINST INFLUENZA VACCINE
- 12:10-12:30 **Miguel Palomino Segura, IRB**
ROLE OF TRACHEAL INFLAMMATORY DENDRITIC CELLS DURING INFLUENZA INFECTION
- 12.45-14.00 Lunch at IRB**
- 14.15-17:00 Networking Event "*Excursion to Bellinzona Castle and Old Town*"
- 18:00-19:30 Session 5, Chair Marcus Thelen**
- 18:00-18:20 **Gianluca D'Agostino, IRB**
CHEMOKINE SYNERGISM CONTROLLING CELL TRAFFICKING AND SIGNALLING PATHWAYS
- 18:20-19:20 **Marcus Thelen, IRB Bellinzona**
CLASSICAL AND ATYPICAL CHEMOKINE RECEPTORS IN IMMUNE CELL TRAFFICKING
- 20:00-21.30 Dinner
- 21:30-23:00 Wrap up – get together at the IRB

Sunday, September 24, 2017

- 07:30-09:00 Breakfast / Check-out; Departure

TITLES OF POSTER PRESENTATIONS

Sidar Aydin, TKI

THE ROLE OF ENDOTHELIAL ANTIGEN-PRESENTATION IN THE MIGRATION OF CD8⁺ T CELLS ACROSS THE BLOOD-BRAIN BARRIER IN NEUROINFLAMMATION

Samson Gueric, Biotechnology Institute Thurgau

THE ROLE OF FLOTILLIN-2 IN ANTIGEN PRESENTATION AND IMMUNE CELL MIGRATION

Ersin Gul, Geneva

GASDERMIN D, THE NEW KILLER

Barbara Jakobs, Biotechnology Institute Thurgau

DEVELOPMENT OF CONFORMATIONAL BIOSENSORS TO INVESTIGATE CCR7 SIGNALING PATHWAYS

Pari Kargaran, TKI

THE ROLE OF PSGL-1 IN NEUTROPHIL ACCUMULATION AFTER ISCHEMIC STROKE

Nora Ruef, TKI

MECHANISMS OF CD8⁺ T CELL SURVEILLANCE OF LYMPHOID AND NON-LYMPHOID TISSUE

Viola Puddinu, Geneva

ROLE OF HMGB1 IN REGULATING CXCL12-DEPENDENT RECRUITMENT OF MDSCS TO TUMORS

Betül Taskoparan, Geneva

TUMOR MICROENVIRONMENT-DEPENDENT INHIBITION OF LEUKOCYTE INFILTRATION TO TUMORS: INSIGHTS FROM A MODEL OF GASTRIC CANCER