



**9th Cell Migration Retreat; Hotel Florida, 2557 Studen
Tuesday, August 24th to Wednesday, August 25th, 2021**

Monday, August 23, 2021

ca. 13:30 Arrival Hotel Florida, 2557 Studen

30th Anniversary Cytomeet

Hotel check-in

For luggage storage please ask at the hotel reception

Tuesday, August 24, 2020

07:30-08:45 Breakfast

09:00-09:10 Welcome - Britta Engelhardt

09:10-10:40 Session 1: Chair – Britta Engelhardt

09:10 – 10:10 **Student Keynote**

Daniela Condeescu-Ivan (Giuseppe Locatelli)

Title: The recruitment of monocyte-derived cells to CNS barriers during neuroinflammation: migration pathways and functional polarizations

10:10-10:40 **Jose Martinez Magdaleno (Jens Stein)**

Title: Mechanosensing by CD8+ tissue-resident memory T cells during homeostatic immune surveillance

10:40 -11:10 Coffee break

11:10-12:20 Session 2: Chair – Ruth Lyck

11:10-11:40 **Guerric Samson (Daniel Legler)**

Title: Flotillin-2 controls retraction of exploring protrusions, polarization and persistent directional migration of dendritic cells

11:30-11:50 **Bryce Evans (Yvonne Döring)**

Title: Unravelling the role of vascular ChemR23 expression in atherosclerosis

11:50- 12:20 **Bart Boersma (Carole Bourquin)**

Title: The Gasdermins in Anti-Tumor Immunity

12:20-13:50 Lunch Break

14:00-15:00 **Session 3: Chair – Jens Stein**

14.00-14:30

Oliver Gerken (Daniel Legler)

Title: Chemokine-induced signalling in typical and atypical chemokine receptors

14.30-15.00

Leonhard Schinck (Daniel Legler)

Title: Elucidating the effect of single-nucleotide mutations on CCR7 signaling and trafficking in cancer

15:00-17:30 **Active Break**

Minigolf, Fitness, Sauna, Steam Bath

17:30-18:30

Session 4: Meet the Experts – Chair Anna Oevermann

Free discussion on cell migration with the Cytomeet Keynote Speakers

19:00-20:30 **Dinner**

20:30-21:15

Science Flash – Curzio Rüegg

PhD students present their research in 5 minutes science flashes followed by 2 minutes of questions

Kristina Berve (Giuseppe Locatelli und Britta Engelhardt)

Title: Role of the vascular growth factor Angiopoietin-2 in myeloid cell recruitment into the CNS during steady state and neuroinflammation

Daniela Claudino Carvoeiro (Jens Stein)

Title: Exploring tissue-specific CD8+ cell-mediated host protection at single cell resolution

Melanie Scalise (Fabian Blank)

Title: Modulation of allergic airways disease employing bio-mimetic nanocarriers

Jeremie Tachet (Carole Bourquin)

Title: Impact of hydrogen sulfide on the anti-tumor immune response

Guillaume Disner (Carole Bourquin)

Title: Effect of neuroendocrine pathways on the antitumor immunity in a gastric cancer model

Wednesday, August 25, 2021

07:30-09:00 Breakfast

09:00-10:00 Session 4: Chair – Marcus Thelen

09:00 – 09:30 **Javier Pareja (Britta Engelhardt)**

Title: Brain endothelial antigen presentation detains CD8⁺ T cells at the blood-brain barrier leading to its breakdown

09:30- 10:00 **Sasha Soldati (Britta Engelhardt)**

Title: Influence of Vitamin D on T-cell migration across the blood-brain-barrier

10:00-10:30 Coffee break

10:30-12:00 Session 5: Chair – Daniel Legler and Giuseppe Locatelli

10:30 -11:15 **Quiz**

11:15-12:00 **Prize Awards:** Quiz and for best Science Flash

12.00 Farewell with Lunchbox



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