Thursday 25 June 2015

08:45 Opening remarks
S. Schneider-Schaulies/E. Gulbins

Session 1: Sphingolipids in pathogen adhesion, entry and transmission
Chair: J. Schneider-Schaulies/N. Beyersdorf

09:00 Synthetic glycosphingolipids as tools to visualize membrane domains in living cells
Christof Hauck

09:30 Neisseria meningitidis differentially activates acid sphingomyelinase and ceramide release to induce its uptake into brain endothelial cells
Alexandra Schubert-Unkmeir

10:00 Sphingomyelinase signaling during gonococcal invasion
Thomas Rudel

10:30 COFFEE BREAK
Chair: L. Doelken/S. Schneider-Schaulies

11:00 Lipid Signaling Controls Membrane Penetration of a Non Enveloped Virus
Urs Greber

11:30 Role of sphingolipids in dendritic cell capture and trans infection of HIV-1
Hans-Georg Kraeusslich

12:00 LUNCH BREAK

Session 2: Sphingolipids in immune regulation
Chair: E. Gulbins/B. Kleuser

13:00 Exosomes in Alzheimer's disease: novel roles of ceramide in amyloid plaque formation and autoimmunity
Erhard Bieberich

13:30 Targets of Sphingomyelinase-mediated regulation of T cell activation
Nora Mueller

14:00 Role of acid sphingomyelinase in CD4+ regulatory T cells controlling anti-viral immune responses
Juergen Schneider-Schaulies

14:30 Identification of symbiotic glycosphingolipids from gut commensal and their host immunoregulatory actions
Sungwang Oh

15:00 „Enforced viral replication“ role of sphingolipids
Karl Lang

15:30 COFFEE BREAK

16:00 Sphingolipids with defined acyl chain lengths in human disease
Tony Futerman

16:30 Targeting bacterial exotoxins with liposomes
Annette Draeger

17:00 Regulation of staphylococcal infections by sphingolipids
Erich Gulbins

17:30 Regulation of the inflammasome
Alice Prince

18:00 Sphingolipids in autophagy and inflammasome activation
Yang Zhang

Friday 26 June 2015

Session 3: Lipid signaling and lipid/protein interactions
Chair: E. Avota/N. Mueller

09:00 Bacterial detection and response to sphingosine
Matthew Wargo

09:30 Exploring the existence of lipid rafts in bacteria
Daniel Lopez

10:00 How outer leaflet sphingolipid induces inner leaflet ordered membrane domains (rafts)
Erwin London

10:30 COFFEE BREAK AND POSTER SESSION

12:00 LUNCH BREAK

Chair: T. Rudel/A. Schubert-Unkmeir

13:00 Lipid Protein interactions in Growth Factor Receptor Regulation
Unal Coskun
13:30 Click-chemistry-based lipid tracing to study lipid metabolism and localisation
Christoph Thiele

14:00 Super-resolution microscopy of plasma membrane domains
Markus Sauer

14:30 COFFEE BREAK
Chair: M. Sauer/J. Seibel

15:00 Sphingosine 1-phosphate and Dengue
Burkhard Kleuser

15:30 Regulation of cellular signalling and functions by sphingosine 1-phosphate lyase
Dagmar Meyer zu Heringdorf

16:00 Sphingolipids in neuronal physiology and pathology. Implications for Niemann Pick disease type A
Maria Dolores Ledesma Munoz

16:30 Closing remarks
S. Schneider-Schaulies/E. Gulbins

17:00 GET TOGETHER

Venue of Meeting
Julius-Maximilians-University Wuerzburg
Institute for Molecular Infection Biology (IMIB) Josef-Schneider-Str. 2/Bau D15 97080 Wuerzburg (www.imib-wuerzburg.de)

Charges/Registration
Attendance at the meeting is free of charge. We would appreciate registration of participants before 31. May 2015.

Poster
To submit a Poster please register online before 31. May 2015

Date

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http://www.virologie.uni-wuerzburg.de/for2123/workshop/

Sphingolipids in infection and beyond
25-26 June 2015
Wuerzburg, Germany