

3rd Meeting of the GRK 2098

Sphingolipids in health and diseases

Date: 6th – 7th December 2017

**Place: Universitätsklinikum Essen, Virchowstr. 179, 45147 Essen,
Robert-Koch-Haus**

Program

Wednesday, 6th Dec. 2017

09.00 – 09.30: Arrival coffee break

Session I – Chair: Karl Lang

09.30 – 10.00: Waldemar Kolanus, Bonn. Title: Role of Ceramide Synthase 2 in Sphingosine-1-Phosphate Mediated Thymic Egress

10.00 – 10.30: Annarita di Lorenzo, New York. Title: Sphingolipid de novo Biosynthesis in Cardiovascular Homeostasis

10.30 – 11.00: Georgios Grammatikos, Frankfurt. Title: The role of sphingolipids as novel biomarkers in liver fibrosis, cirrhosis and hepatocellular carcinoma.

11.00 – 11.30: Urs Greber, Zürich. Title: Inflammatory & Lipid Signalling in Virus Infection

11.30 – 13.00: light lunch

Session II – Chair: Wiebke Hansen

13.00 – 13.30: Jürgen Schneider-Schaulies, Würzburg. Title: Increased regulatory T cell frequencies after inhibition of the acid sphingomyelinase

13.30 – 14.00: Charles Caldwell, Cincinnati. Title: Acid sphingomyelinase inhibition ameliorates coagulopathy and inflammation in a murine model of sepsis

14.00- 14.30: Sibylle Schneider-Schaulies, Würzburg. Title: The role of neutral sphingomyelinase in T cell receptor signaling and T cell polarization

14.30 – 15.00: Erich Gulbins, Essen. Title: Role of sphingolipids in bacterial pneumonia

15.00 – 15.30: Florian Lang, Tübingen. Title: Mechanisms and significance of eryptosis, the suicidal erythrocyte death

15.30 – 16.00: Alessandro Prinetti, Milano. Title: Sphingolipid-driven membrane organization and signaling in myelin repair

16.00 – 16.30: coffee break

Session III – Chair: Erich Gulbins

16.30 – 17.00: Sarah Spiegel, Richmond. Title: Sphingosine-1-Phosphate In Breast Cancer Metastasis

17.00 – 17.30: Martin Krönke, Köln. Title: Age dependent decline of ceramide synthases during myopathies

17.30 – 18.00: Burkhard Kleuser, Potsdam. Title: Sphingosine 1-phosphate signaling and metabolism in hepatocytes

18.00 – 18.30: Konrad Sandhoff, Bonn. Title: Membrane lipids regulate lysosomal sphingolipid catabolism

18.40 – 19.00: Guided walk from meeting room to dinner location or

18.55 – 19.00: Taxi ride from meeting room to dinner location

19.00 – 21.00: Dinner at Das Schön, Rüttenscheider Str. 199, 45131 Essen

Thursday, 7th Dec. 2017

Session IV – Chair: Richard Kolesnick

08.45 – 09.00: Jan Schlegel, Würzburg. Title: Characterisation and Visualisation of Ceramides with Molecular Resolution

09.00 – 09.30: Josef Pfeilschifter, Frankfurt. Title: Sphingolipid signalling in renal fibrosis

09.30 – 10.00: Anant K. Menon, New York. Title: Lipid homeostasis and membrane contact sites

10.00 – 10.30: Frederick R. Maxfield, New York. Title: Ceramide Activation of Macrophage RhoA/Rho Kinase Signaling Impairs Actin Polymerization during Aggregated LDL Catabolism

10.30 – 11.00: coffee break

Session V- Astrid Westendorf

11.00 – 11.30: Adriana Haimovitz-Friedman, New York. Title: Anti-angiogenic Radio- and Chemo-sensitization via ASMase/Ceramide pathway

11.30 – 12.00: Bernhard Brüne, Frankfurt. Title: S1P receptors in tumor inflammation

12.00 – 12.30: Richard Kolesnick, New York. Title: Anti-ceramide Mitigation of the Radiation GI Syndrome

12.30 - Light lunch, Lunch bag, Departure

3rd Meeting of the GRK 2098

Retreat, data discuss students

Date: 7th – 8th December 2017

**Place: Universitätsklinikum Essen, Virchowstr. 179, 45147 Essen,
Robert-Koch-Haus 0.038**

MFZ 0.019 – 8th December 2017 after lunch break

Program

Thursday, 7th Dec. 2017

15.00 – 15.05: Karl Lang, Introduction

15.05 – 15.30: P01 – Matthias Hose, Progress Report

15.30 – 15.55: P02 – Ulrike Glaser, Progress Report

15.55 – 16.20: P03 – Anne Koch, Progress Report

16.20 – 16.45: P04 – Jana Meiners, Progress Report

16.45 – 17.15: coffee break

17.15 – 17.40: P05 – Svenja Plöhn, Progress Report

17.40 – 18.05: P06 – Judith Bezgovsek, Progress Report

18.05 – 18.30: P07 – Wing Yee (Karen) Hung, Progress Report

19.00 - : *Buffet*

Friday, 8th Dec. 2017

09.00 – 09.25: P08 – Ayan Mohamud Yusuf: Progress Report

09.25 – 09.50: P09 – Klaus Kaiser: Progress Report

09.50 – 10.15: P10 – Kristina Manthe: Progress Report

10.15 – 10.50: P11 – Julian Jentsch: Progress Report

10.50 – 11.15: coffee break

11.15 – 11.40: P12 – Salina Begum: Progress Report

11.40. – 12:15: Eyad Naser (associated): Progress Report

12.15 – 12.50: Yuqing Wu (associated): Progress Report

12.50 – 13.45: lunch packages and lunch break

Room Change: MFZ 0.019 – 8th December 2017 after lunch break

13.45 – 15.30: Wiebke Hansen, Erich Gulbins, Joachim Fandrey, Karl Lang: General discuss; future directions, suggestions

15.30 – 18.00: Individual project discussions, lab visits