

Program project meeting PePPP

22.02.2018

Aula and Konferenzraum, Greifswald University, main building, Domstr. 11, 17489 Greifswald

Until 13.00 arrival (@ Konferenzraum, main building of Greifswald University, Domstr. 11)

13.00 *Lunch*

14.00 **Welcome and outline (Prof. Lerch) (@ Aula)**

Project organisation (Mrs. Klemenz): 2. Änderungsantrag, preparation of annual report, ERAD paper

14.30 **Presentations (chair: Dr. Frank Ulrich Weiß | Dr. Jola Pospech)**

One year outcome report: Proteostasis-regulating therapeutics for Wilson's Disease

Dr. Jan Lukas (15 min)

High-throughput in silico screening to identify pharmacological chaperones for misfolded Wilson disease protein

Dr. Supansa Pantoom (15 min)

Generation of plasmid vectors for the exogenous expression of ATP7B mutations in a cell culture model for Wilson's disease

Christina Hund (5 min)

Characterisation of novel drugs in patient-specific induced pluripotent stem cell-derived hepatocyte-like cells for Wilson's Disease

Janine Petters (5 min)

Identification of novel pharmacochaperones in a new hepatic Wilson's Disease cell model

Katharina Iwanov (5 min)

Improvement of the bioavailability

Dr. Christina Opper mann (15 min)

Preparation, Separation and Characterization of Plant Extracts: Latest Results

Manuel Gronbach (5 min)

Impact of proteasome degradation capacities under proteotoxic stress and during immune adaptation

Prof. Elke Krüger (15 min)

ER-stress, cause or consequence of pancreatitis?

Dr. Matthias Sendler (15 min)

16.05

Coffee break (@ Konferenzraum)

16.30

Presentations (chair: Dr. Jan Lukas | Dr. Christina Oppermann)

Investigation of the immunoproteasome effects on pancreatitis

Dr. Laura De Freitas Chama (15 min)

Evaluation of therapeutic substances to reduce ER stress during pancreatitis

Jana Marielle Modenbach (5 min)

Creation of a transgenic ER-stress mouse – update

Franziska Thiel (5 min)

The role of ATF6 in the course of pancreatitis – update

Robert Bolsmann (5 min),

Involving patient groups in drug research. A systematic review of reasons

Prof. Sabine Salloch (15 min)

Hereditary chronic pancreatitis: update of the interview study

Regina Müller (5 min)

SPINK1 and autoantibodies

Prof. Mihaela Delcea (10 min)

Assessing the interaction of SPINK1 with antibodies by single molecule force spectroscopy

Annelie-Klein (5 min)

Possible effects of sulfated polysaccharides on the inhibitory activities of SPINK1 on different trypsin isoforms

Felix Nagel (5 min)

Current Projects and Directions

Dr. Jola Pospech (15 min)

Curcumin: Much ado about nothing?

Firas El-Hage (5 min)

18.00 Meeting Steering Committee PePPP

19.00 Dinner (@ Theatercafé)

21.00 Science Slam (@ Theatercafé)

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Konferenzraum, Greifswald University, main building, Domstr. 11, 17489 Greifswald

9.00-13.00 Day 1 of Science Slam Workshop Series (@ Konferenzraum)

Instructor: Prof. Dr. Nils Neumann, Hannover

For all Ph.D. students and Postdocs as well as anyone who is interested

13.00 Lunch (@ Konferenzraum)

Departure