

Fri. 27th Sept.

Closed EMINA meeting

(Seminar room at Anna-Spiegel-Forschungsgebäude / AKH)

09:00 – 09:10 Welcome by Prof. Rainer **Prohaska** (MFPL/MUW) and Dr. Mario **Mairhofer** (AKH/MUW)

09:10 – 10:30 **Research seminars EMINA-1 Molecular studies:**

Prof. Rainer **Prohaska**/Dr. Ulrich **Salzer** (MFPL/MUW): Results on erythrocyte pathophysiology

Prof. Giel **Bosman** (Univ. Nijmegen, NL): Progress in the biochemical investigation of NA/NBIA acanthocyte membranes and their signal transduction pathways

Prof. Ody **Sibon** (Univ. Groningen, NL) and co-worker(s): Progress in the development and characterization of animal models with NA-relevant gene defects

10:30 – 11:00 Coffee break

11:00 – 13:00 **Research seminars EMINA-2:**

Dr. Andreas **Hermann** (TU Dresden, D): Cooperations within the EMINA-2 network

Dipl. Chem. Hannes **Glass** (TU Dresden, D): Modelling ChAc using human iPSCs-update on the neuronal phenotype

PD Dr. Florian **Wegner** (MHH Hannover, D): Electrophysiology of ChAc neurons

Dr. Merel **Adjobo-Hermans** (Univ. Nijmegen, NL): Presentation of projects investigating the biochemical and molecular genetic bases of NA and preliminary data

13:00 – 14:00 Lunch break, catering

14:00 – 15:30 **Research seminar** Prof. Lucia **de Franceschi** (Univ. Verona, I): Kinase signalling in NA

Dr. Pablo **Blinder** (Univ. Tel Aviv, IL): Presentation of the project on the "Biophysical analysis of variations in Chorea-Acanthocytosis neuronal networks"

Dr. Mario **Mairhofer**/Dr. Claudia **Siegl** (MUW, A): Preliminary data to the cell biological investigation of erythroid precursor cells after silencing of NA-relevant genes

15:30 – 16:00 Discussion of further steps in EMINA-2

19:30 – 22:00 Dinner

**Thu. 26th Sept. Meeting on “Neuroacanthocytosis Syndromes”
(Courtyard Marriott Vienna-Messe)**

15:00 – 15:15 Reception with coffee

15:15 - 15:20 Welcome by Prof. Rainer **Prohaska** (MFPL/Med.Univ.Vienna) and Dr. Mario **Mairhofer** (AKH/Med.Univ.Vienna).

15:20 – 15:40 Lecture by Prof. Adrian **Danek** (LMU Munich, Neurologische Klinik und Poliklinik) on “Neuroacanthocytosis syndromes: a clinical review ”.

15:40 – 16:00 Lecture by Prof. Thomas **Klopstock** (LMU Munich, Friedrich-Baur-Institute) on “Neurodegeneration with brain iron accumulation: The TIRCON project”.

16:00 – 16:20 Lecture by Dr. Andreas **Hermann** (TU Dresden, Div. Neurodegenerative Diseases) on “Clinical science and translational research of neuroacanthocytosis”.

16:20 – 16:40 Lecture by Prof. Ody **Sibon** (Univ. Groningen, Faculty of Med. Sciences) on “Animal models for neuroacanthocytosis and pantothenate kinase-associated neurodegeneration and therapeutic aspects”.

16:40 – 17:00 Coffee break

17:00 – 18:30 Meeting of neurologists’ panel on piloting of comparative rating of NA, NBIA and HD videos (organizers: Prof. François **Tison**, Univ. Bordeaux, Univ. Hospital, and Prof. Adrian **Danek**, LMU Munich, Neurologische Klinik und Poliklinik).

19:00 – 21:00 Dinner Buffet at Marriott Courtyard Vienna-Messe