ORGANISER

CePTER-Consortium (Center for Personalized Translational Epilepsy Research) and Epilepsy Center Frankfurt Rhine-Main Department of Neurology University Hospital Frankfurt Schleusenweg 2-16 D-60528 Frankfurt am Main

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VENUE

Lecture hall 4
University Hospital Frankfurt
House 23
Theodor-Stern-Kai 7
D-60590 Frankfurt am Main
Germany

REGISTRATION

By e-mail only:
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GETTING THERE

By car: Via motorway A 5 to exit „Frankfurt / Niederrad / Uniklinik“, follow the signs. House 23 is located directly at Theodor-Stern-Kai.
Car parking is available

Public transport: From Frankfurt main train-station take tram 21 direction „Stadion, Sachsenhausen“, exit at stop „Universitätsklinikum“.

By taxi from the main train-station a 10 minute ride, from the airport a 20 minute ride, depending on traffic.

GEFÖRDERT VOM

Detlev-Wrobel-Fonds für Epilepsieforschung & Vereinigung der Freunde und Förderer der Goethe Universität Frankfurt e.V.

1st International Symposium on Personalized Translational Epilepsy Research

ISymPTER 1

Thursday, September 8th 2016
10 a.m. – 5 p.m.
University Hospital Frankfurt
Theodor-Stern-Kai 7
Room 23-4 (lecture hall)
60590 Frankfurt am Main
Program

10:00 a.m.
Opening Remarks and Greetings
Felix Rosenow
Head Epilepsy Center Frankfurt Rhine-Main
Welcome note from B. Wolff
President of the Goethe-University
Helmut Steinmetz
Director Department of Neurology

Session 1 State of the art, clinical application and health economic assessment

Chairs: Felix Rosenow, Matthew Walker

10:00 – 10:30 a.m.
Translational Epilepsy Research – Current Approaches and Experiences
Albert Becker, Bonn

10:30 – 11:00 a.m.
Focal tissue modification in personalized translational epilepsy treatment
Matthew Walker, London, UK

11:00 – 11:20 a.m.
ZX008 (low dose fenfluramine HCL) for seizures in Dravet syndrome
Arun Mistry, Zogenix, CA, USA

11:20 – 11:40 a.m.
Cost of disease and treatment evaluation for monogenic epilepsies
Adam Strzelczyk, Frankfurt

Session 2 Genetics and Epigenetics

Chairs: Reetta Kalviainen, Holger Lerche

11:40 – 12:00 a.m.
Personalized treatment approaches for monogenic epilepsies
Karl Martin Klein, Frankfurt

12:00 – 12:20 p.m.
Organotypic slice cultures to study brain repair and epilepsy
Thomas Deller, Stephan Schwarzacher, Frankfurt

12:20 – 12:40 p.m.
Isogenic neuronal models to assess functional impacts of genetic variants
Andreas Chiocchetti, Frankfurt

12:40 – 1:00 p.m.
Lunch break

Session 3 Immunology and Oncology

Chairs: Thomas Freiman, Michel Mittelbronn

1:00 – 2:00 p.m.
Innate Immunology I – Cytokines & TLR
Sebastian Bauer, Frankfurt,
Braxton Norwood, Marburg

2:00 – 2:20 p.m.
Epigenetic regulation: Non-coding RNA in synaptic plasticity
Gerhard Schratt, Marburg

2:20 – 2:40 p.m.
The ketogenic diet to treat epilepsy and the underlying brain tumors
Michael Ronellenfitsch, Frankfurt

2:40 – 3:00 p.m.
Assessing network dysfunction in epilepsy
Christian Kell, Frankfurt

3:00 – 3:20 p.m.
Large scale neural networks in epileptic brains
Diana Omigie, Johannes Gehrig, Frankfurt

3:20 – 3:40 p.m.
Coffee break

Session 4 Structural Imaging and functional networks

Chairs: Ralf Deichmann, David Poeppel

2:40 – 3:00 p.m.
New methods to detect microstructural changes in the brain
Susanne Knake, Marburg,
Ralf Deichmann, Frankfurt

3:00 – 3:20 p.m.
Assessing network dysfunction in epilepsy
Christian Kell, Frankfurt

3:20 – 3:40 p.m.
Large scale neural networks in epileptic brains
Diana Omigie, Johannes Gehrig, Frankfurt

3:40 – 4:00 p.m.
Coffee break

Session 5 Experimental Models and Computational Neurobiology

Chairs: Stefan Liebner, Karlheinz Plate

4:00 – 4:20 p.m.
Tightening the BBB as potential approach to treat epilepsy
Yvonne Reiss

4:20 – 4:40 p.m.
Computational Neuroscience to identify treatment targets
Jochen Triesch, Peter Jedlicka Frankfurt

4:40 – 5:00 p.m.
Concluding remarks and end of conference