

Programm

BioTechMed-Graz Symposium

11. Juni 2015

Alte Universität Graz, Hofgasse 14

- 13:30-14:00 **Eröffnung (Opening)**
Begrüßung durch Rektorin Neuper, Rektor Kainz und Vizerektorin Lippe
- 14:00-15:30 **BioTechMed-Graz Postdoc session I**
Chairs: Prof. Ischebeck, Prof. Sattler
- Cornelia Sommer-Ruck, Institute of Molecular Biosciences, Uni Graz**
Neuroprotection by spermidine in neurodegenerative disease models
- Christoph Nuschold, Institute of Molecular Biology and Biochemistry, Med Uni Graz**
Chlorinated lipids as effectors of blood-brain barrier function
- Shane Fresnoza, Institute of Psychology, Uni Graz**
Non-Invasive Brain Stimulation: motor and cognitive applications
- Silvia Erika Kober, Institute of Psychology, Uni Graz**
Neurofeedback as a tool for cognitive training in multiple sclerosis
- Robert Peharz, Institute of Physiology, Med Uni Graz**
$$\int_E \left(P^3 + \sqrt{\frac{E}{M}} \right) dF = BEE_{PRI}$$

Enhancing the Scientific Study of Neurodevelopmental Disorders
- 15:30-16:00 **Kaffeepause (Coffee break)**
- 16:00-17:30 **BioTechMed-Graz Postdoc session II**
Chairs: Prof. Plank, Prof. Zimmer
- Jan Egger, Institute of Computer Graphics and Vision, TU Graz**
Hardware Accelerated Medical Image Processing
- Gerhard Sommer, Institute of Biomechanics, TU Graz**
Structural Analysis and Modeling of Cardiovascular Tissues
- Armin Rund, Institute of Mathematics and Scientific Computing, Uni Graz**
Optimal Defibrillation
- Bettina Halwachs, Institute of Pathology, Med Uni Graz**
Deriving patterns of gastrointestinal dysbiosis
- Michaela Lichtenegger, Institute of Biophysics, Med Uni Graz**
Deciphering the lipid sensing machinery of TRPC channels - a step towards neuro-optopharmacology
- Birgit Teubl, Institute of Pharmaceutical Sciences, Uni Graz**
Biophysical Investigations of Cellular and Acellular Barriers in the Oral Cavity

17:30-18:00 **Kaffeepause (Coffee break)**

18:00-18:50 **Keynote Lecture von Prof. Arno Villringer,
Max-Planck-Institut für Kognitions- und
Neurowissenschaften, Leipzig**
„Wie beeinflussen unbewusste Reize Gehirn und Verhalten?“

18:50-19:15 **Podiumsdiskussion (Panel discussion)**
Prof. Marian David
Institut für Philosophie, Uni Graz
Prof. Robert Legenstein
Institut für Grundlagen der Informationsverarbeitung, TU Graz
Prof. Franz Fazekas
Klinische Abteilung für allgemeine Neurologie, Med Uni Graz

ab 19:15 **Buffet & Get-together**