

**ForIPS Seminar  
April 24/25, 2014**

**Studienhaus-Stiftung Gut Schönwag  
Schönwag 4**

**D - 82405 Wessobrunn**

**Agenda**

**April 24, 2014**

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|---------------|--|
| 11.00         | Welcome  |
| 11.10 - 12.00 | Highways in Parkinson's Disease - alpha-synuclein oligomers impair anterograde axonal transport<br><i>Iryna Prots, Nikolaus-Fiebiger Center for Molecular Medicine<br/>FAU Erlangen-Nürnberg</i> |
| 12.00 - 13.15 | <i>Lunch</i>   |
| 13.15 – 13.30 | Microtubule-associated Protein Tau as a Pathogenic Factor of Idiopathic Parkinson's Syndrome (IPS)<br><i>Hong Xu, Höglinger/Schwarz group, DZNE München</i>                                      |
| 13.30 – 13.45 | iPSC-derived NPCs and dopaminergic neurons as a model for neuritic dysfunction in Parkinson's disease<br><i>Janina Deußner, Brandstätter/Winkler group, FAU Erlangen-Nürnberg</i>                |
| 13.45 – 14.00 | Cultivation and Characterization of differentiated LUHMES Cells for Synapse Analysis<br><i>Katharina Pieger, Brandstätter/Winkler group, FAU Erlangen-Nürnberg</i>                               |
| 14.00 – 14.15 | The functional link between autophagy and the transcellular spread of $\alpha$ -synuclein in iPSCs<br><i>Georgia Minakaki, Klucken/Lie group, FAU Erlangen-Nürnberg</i>                          |

- 14.15 – 14.30      Differentiation of IPs to neural crest stem cells and enteric neurons  
*Svenja Mertelmeyer, Wegner group, FAU Erlangen-Nürnberg*
- 14.30 – 14.45      Untersuchungen zu krankheitsrelevanten Störungen des Darmnervensystems beim idiopathischen Parkinson-Syndrom(IPS) in humanen in vitro und murinen in vivo Modellen  
*Stefan Kniest, Wegner group, FAU Erlangen-Nürnberg*
- 14.45 – 15.15      *Coffee Break*
- 15.15 – 15.30      Programming and reprogramming of striatal interneurons from human pluripotent stem cells and pericytes  
*Radhika Menon, Karow/ Berninger group, LMU München*
- 15.30 - 15.45      Generation and electrophysiological characterization of stem cell/IPS derived nociceptors  
*Diana Schmidt, Prots/Winner group, FAU Erlangen-Nürnberg*
- 15.45 – 16.00      Modeling of neurodevelopmental diseases using induced pluripotent stem cells  
*Johannes Klaus, Götz group, LMU München*
- 16.00 – 16.15      Epigenetic characterization of iPSC cells  
*Markus Schulze, Riemenschneider Group, University of Regensburg*
- 16.15 – 17.00      Emerging roles of neural stem cells in neuronal migration disorders  
*Silvia Cappello, Institute of Stem Cell Research Helmholtz Zentrum München, German Research Center for Environmental Health*
- 18.00                      *Dinner*
- 19.30 – 20.15      Engaging in dialogue. Methods of participation and decision-making in science-society-discourse. (Talk and following discussion)  
*Katharina Zöllner (ScienceDialogue):*

**April 25, 2014**

**Bioethics Topics**

- 8.30 – 9.30 Introduction to Bioethics. Aims methods, issues  
*Arne Manzeschke (TTN)*
- 9.30 – 9.45 Ethical Issues in ForIPS  
*Anja Pichl, Manzeschke group, TTN*
- 9.45 – 10.00 Bioethics at the interface between research, therapy and commercialization  
*Hannah Schickl, Dabrock group, FAU Erlangen-Nürnberg*
- 10.00 – 10.30 Coffee-Break
- 10.30 – 11.15 Reflecting the ForIPS-Projects in the light of Ethics  
*(working groups)*
- 11.15 – 12.30 Reflecting the ForIPS-Projects in the light of Ethics. Identifying and clustering of ethical problems  
*(plenary discussion)*
- 12.30 – 13.30 Lunch
- 13.30 – 14.00 Closing and departure