

**2009 PENS Summer School**  
**Metabolic Aspects of**  
**Chronic Brain Diseases**

Thursday 9<sup>th</sup> - Wednesday 15<sup>th</sup> of July, 2009

Reisensburg Castle, Günzburg, Germany

Supported by the Graduate School for Molecular  
Medicine, University of Ulm

## **Organizing Committee**

Dr. Patrick Weydt, Ulm, Germany

Prof. Asa Petersen, Lund, Sweden

Prof. Ana Cristina Rego, Coimbra, Portugal

Prof. Maja Bresjanac, Ljubljana, Sloven

## Itinerary

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### Day 1 (Thursday July 9)

- 1:15 pm                    **Arrival, Check in and Lunchbuffet**
- 3:00pm                    **Welcome and Introduction to the School**  
(Organizing committee)
- 3:15pm                    **Grant writing “101”** (Maja Bresjanac, Ljubliana)
- 4:15pm                    Coffee
- 4:45 pm                    **Brain Diseases over the Life Span**  
Keynote speaker: Chris Ross, Baltimore
- 6:00pm                    **Dinner**
- 7:30pm                    **Evening Lecture “Lessons learnt from obesity research”** (Giles Yeo, Cambridge)
- 9:00pm                    **Welcome Party**
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## Day 2 (Friday July 10)

8:00am	<b>Breakfast</b>
9:00am	<b>Diseases I</b> <b>ALS</b> (Albert Ludolph, Ulm) Chair: students
10:15am	<b>Coffee</b>
10:45am	<b>Diseases II</b> <b>Prion disease</b> (Sarah Tabrizi, London) Chair: students
12:00noon	<b>Lunch</b>
1:15pm	<b>Group Exercise: Team Building</b>
3:00pm	<b>Mechanisms I</b> <b>Protein aggregation</b> (Tiago Outeiro, Lisbon) Chair: students
4:15pm	<b>Coffee Break</b>
4:45pm	<b>Mechanisms II Sirtuins</b> <i>Energy metabolic dysregulation in HD:What can we learn from Calorie Restriction?</i> (Wenzhen Duan, Baltimore) Chair: students
6:00pm	<b>Dinner</b>
7:30pm	<b>Evening Lecture</b> <b>Neuroethics</b> (Walter Glannon, Vancouver)
9:00pm	<b>Poster Session</b>

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**Day 3 (Saturday July 11)**

8:00am	<b>Breakfast</b>
9:00am	<b>Diseases III</b> <b>Huntington disease</b> (Bernhard Landwehrmeyer, Ulm) Chair: students
10:15am	<b>Coffee</b>
10:45am	<b>Diseases IV</b> <b>Parkinson's Disease</b> (Deniz Kirik, Lund) Chair: students
12:00noon	<b>Lunch</b>
1:15pm	<b>Perspectives on Huntington disease</b> (Charles Sabin, NBC London)
2:30pm	<b>Development-A funding agency's perspective</b> (Douglas Macdonald, CHDI, New York)
3:15pm	<b>Coffee Break and group meetings</b>
4:45pm	<b>Mechanisms III: The Endocannabinoid System</b> (Marta Korbonits, London) Chair: students
6:00pm	<b>Dinner</b>
7:30pm	<b>Evening Lecture: Development – A Pharmaceutical company's Perspective</b> (Etienne Regulier, Novartis)
9:00pm	<b>Poster Session</b>

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**Day 4 (Sunday July 12)**

8:00am	<b>Breakfast</b>
9:00am	<b>Diseases V</b> <b>Schizophrenia</b> (Cyril Hoschl, Prague) Chair: students
10:15am	<b>Coffee</b>
10:45am	<b>Mechanisms IV</b> <b>Neuroinflammation</b> (Thomas Möller, Seattle) Chair: students
12:00noon	<b>Lunch and group meetings</b>
3:00pm	<b>Mechanisms V</b> <b>Mitochondria</b> (David Nicholls, Lund) Chair: students
4:15pm	<b>Coffee Break</b>
4:45pm	<b>Mechanisms VI</b> <b>Autophagy</b> (Leonidas Stefanis, Athens) Chair: students
6:00pm	<b>Dinner</b>
7:30pm	<b>Evening Lecture:</b> <b>Creating a Creative Research Environment</b> (Chris Ross, Baltimore)
9:00pm	<b>Group meetings</b>

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## **Day 5 (Monday July13)**

8:00am	<b>Breakfast</b>
9:00am	<b>Methods I</b> <b>Brain Imaging</b> (Deniz Kirik, Lund) Chair: students
10:15am	<b>Coffee</b>
10:45am	<b>Methods II</b> <b>Transcriptional dysregulation and array analysis</b> (Ruth Luthi-Carter, Lausanne) Chair: students
12:00	<b>Lunch</b>
1:15pm	<b>Methods III</b> <b>Lessons from animal models</b> (Luc Dupuis, Strasbourg) Chair: students
2:30pm	<b>Coffee Break and group meetings</b>
5:45pm	<b>Grant Deadline</b>
6:00pm	<b>Dinner</b>
7:30pm	<b>Evening Lecture:</b> <b>How to Publish a Paper – An Editors Perspective</b> (Nolte, JMM, Berlin)
8:30pm	<b>Preparation of Grant Presentations</b>

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**Day 6 (Tuesday July 14)**

8:00am	<b>Breakfast</b>
9:00am	<b>Group presentations I-III (20 min/group)</b>
10:00am	<b>Coffee</b>
10:30am	<b>Group presentations iv-Vi (20 min/group)</b>
12:00noon	<b>Lunch</b>
1:15pm	<b>Student Excursion/Grant Review by faculty</b>
6:00pm	<b>Award Ceremony</b>
7:30pm	<b>Local Beer&amp;BBQ in Court of the Castle</b>
9:00pm	<b>Farewell Party</b>

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**Day 7 (Wednesday July 15) OPEN SYMPOSIUM**  
**Metabolic aspects of chronic brain disorders**

TBA= title to be announced. *15 min talk, 5 min questions*

- 9.00-9.05      **Opening of the symposium**
- From the cell to clinical treatments of chronic brain disorders**
- 9:05-9.25      PGC-1a in neurodegenerative disease - just cool or really hot (P. Weydt, Ulm)
- 9.25-9.50      Alpha-synuclein secretion: a potential mechanism for the spread of Parkinson's Disease pathology (L. Stefanis, Athens)
- 9.50-10.10     Detecting prion deposits in the living human brain (M. Bresjanac, Ljubliana)
- 10.10-10.30    Metabolic effects of psychiatric treatments-TBA (C. Hoschl, Prague)
- 10:30-11.00    Coffee**
- In interface of metabolism and neurodegeneration**
- 11.00-11.20    Neuronal control of obesity ;TBA (G. Yeo, Cambridge)
- 11.20-11.40    Metabolic disturbances in ALS mice: TBA (L.. Dupuis, Strassbourg)
- 11.40-12.00    Hypothalamic changes in Huntington's disease (Å. Petersén, Lund)
- 12.00-12.20    Mitochondrial-driven oxidative stress in Huntington's disease striatal cells (AC Rego. Comibra)
- 12.30-13.30    Lunch and poster viewing**
- Novel therapeutic targets**
- 13.30-13.50    Microglia, TBA (T. Möller. Seattle)
- 13.50-14.10    Sirtuins- TBA (T. Outeiro, Lissbon)
- Data Blitzes from the PENS summer school**
- 14.10-14.40    Four data blitzes selected from the posters of the PENS Summer school (5 min/each)
- 14.40—14.45    **Concluding remarks**
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