



SELFISH BRAIN CONFERENCE

23rd and 24th of February 2006 in Luebeck, Germany

Organisation: **Achim Peters**; Medical Clinic 1 - University of Luebeck
Ulrich Schweiger; Clinic for Psychiatry and Psychotherapy

New Aspects on Obesity

Thursday morning (February 23.):

Opening: 8.30

Prelude: 9.00 – 10.00

[The Selfish Brain Theory – An overview](#)

Achim Peters, Luebeck, Germany

Physiology of Brain ATP Control: 10.30 – 12.00

[Energy demand: Glutamatergic control of astrocytic fuel supply](#)

Luc Pellerin, Lausanne, Switzerland

[Monitoring of stored and available fuel by the brain](#)

Stephen C. Woods, Cincinnati, US

Thursday afternoon:

Glucose Allocation: 14.00 – 15.30 and 16.00 – 16.45

[Leptin and \$K_{ATP}\$ - Channels](#)

Dave Spanswick, Warwick, UK

[Adipostatic signals](#)

Denis Baskin, Seattle, US

[Leptin resistance in the brain - mechanisms and modes of bypass](#)

Hendrik Lehnert, Warwick, UK / Magdeburg, Germany

Thursday evening:

Social Event: 20.00 – 23.00

Media Docks – Room MF500

Friday morning (February 24.):

Learning how to control brain glucose: 8.00 – 9.30 and 10.00 – 11.30

[Molecular basis of bistability in synaptic plasticity](#)

John Lisman, Waltham, Massachusetts, US

[Stress and plasticity](#)

Gal Richter-Levin, Haifa, Israel

[Amygdala circuits and control of feeding by learned cues](#)

Gorica D. Petrovich, Baltimore, US

[Sleep, hormones and memory](#)

Jan Born, Luebeck, Germany

Friday afternoon:

The Brain's Primacy and Obesity: 13.00 – 14.30 and 15.00 – 16.30

[Chronic stress and glucose metabolism](#)

Mary Dallman, San Francisco, US

[Melancholic and atypical depression and respective body mass changes](#)

Ulrich Schweiger, Luebeck, Germany

[Dopaminergic neural circuits and the metabolic syndrome](#)

Hanno Pijl, Leiden, Netherlands

[Antiobesity treatment with neuropeptides](#)

Horst Lorenz Fehm, Luebeck, Germany

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