

# Invitation

## Meeting location

**Guesthouse of RWTH  
Aachen University**

**Villa Königshügel**

Melatener Str. 31

52074 Aachen



**Pre-registration is required for attendance. Admission is free and a light lunch will be provided for registered attendees. Please register via email:**

**[bdelheid@ukaachen.de](mailto:bdelheid@ukaachen.de)**

**or send a fax to**

**+49-(0)241-8082544**



MEDIZINISCHE FAKULTÄT

**RWTHAACHEN**

**JARA | BRAIN**

**Translational Neuroscience in Psychiatry  
and Neurology, Dept. of Child and  
Adolescent Psychiatry, Psychosomatics  
and Psychotherapy**

Prof. Dr. med. F.D. Zepf, Juniorprofessor

**Dept. of Child and Adolescent Psychiatry,  
Psychosomatics and Psychotherapy**

Prof. Dr. med. B. Herpertz-Dahlmann

**Scientific Symposium:**

**Stimulating New Research on  
Serotonergic Neurotransmission from  
a Developmental Perspective**

**Monday, March 5th 2012**

**09.00 a.m. – 03.30 p.m.**



## Dear colleagues,

we like to welcome you to our scientific symposium on

„Stimulating New Research on Serotonergic Neurotransmission from a Developmental Perspective”.

The neurotransmitter serotonin is known to be involved in the underlying neurobiology of many neuropsychiatric disorders such as mood disorders, eating disorders as well as disorders with cognitive and emotional problems. However, research addressing serotonin function from a developmental viewpoint is scarce. The present symposium is a unique opportunity to listen to a group of different experts on serotonin-related research covering different ages of development and psychiatric patient populations. We hope that the symposium will be a rewarding experience and will stimulate lively discussions among participants.

Kind regards,

### **Prof. Dr. med. B. Herpertz-Dahlmann**

Director & Chair, Dept. of Child and Adolescent Psychiatry, Psychosomatics and Psychotherapy

### **Prof. Dr. med. F.D. Zepf**

Translational Neuroscience in Psychiatry and Neurology, Dept. of Child and Adolescent Psychiatry, Psychosomatics and Psychotherapy

### Organization & program chair:

### **Prof. Dr. med. F.D. Zepf**

Tel. 0241 / 80 89171

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## Monday, March 5th 2012

**09:00 – 09:05 Beate Herpertz-Dahlmann** *Welcome*

**09:05 – 09:35 Molly Crockett** – “*Serotonin and aversive processing in social and non-social contexts*”

**09:40 – 10:10 Cynthia Kuhn** – “*Serotonin in adolescence: Role in behavioral inhibition*”

**10:15 – 10:45 Florian D. Zepf** – “*The use of acute tryptophan depletion in children and adolescents*”

- Morning tea -

**11:15 – 11:45 Eva van Donkelaar** – “*Challenging the serotonin system: A mechanistic approach to the method of acute tryptophan depletion in rodents*”

**11:50 – 12:05 Caroline S. Biskup** – “*Effects of acute tryptophan depletion Moja-De on brain serotonin function in C57 BL/6 and Balb/cJ mice*”

- Lunch break (free light lunch provided for registered participants) -

**13:00 – 13:30 Tilman J. Gaber** – “*Effects of acute tryptophan depletion Moja-De on punishment induced behavioral inhibition in healthy adults*”

**13:35 – 14:05 Ciara McCabe** – “*Reward, rest and antidepressant drug action in the human brain*”

**14:10 – 14:40 Klaus Mathiak** – “*Functional imaging of serotonergic modulation: Auditory and aggression networks*”

**14:45 – 15:15 Rob Markus** – “*Differential effects of tryptophan challenge on mood and coping with stress in subjects with genetic (5-HTTLPR) or chronic stress induced brain 5-HT vulnerabilities*”

**15:20 – 15:30 Florian D. Zepf** – *Closing remarks*



**Prof. Dr. B. Herpertz-Dahlmann, MD**

RWTH Aachen/JARA Brain  
Dept. of Child and Adolescent Psychiatry, Psychosomatics and Psychotherapy



**Dr. Molly Crockett, PhD**

University of Zürich, Switzerland  
Laboratory for Social and Neural Systems Research



**Prof. Dr. Cynthia Kuhn, PhD**

Duke University, NC, USA  
Dept. of Pharmacology and Cancer Biology



**Prof. Dr. Florian D. Zepf, MD**

RWTH Aachen/JARA Brain, Translational Neuroscience in Psychiatry and Neurology/Dept. of Child and Adolescent Psychiatry, Psychosomatics and Psychotherapy



**Dr. Eva van Donkelaar, PhD**

Maastricht University  
School for Mental Health and Neuroscience



**Caroline S. Biskup**

RWTH Aachen/JARA Brain, Translational Neuroscience in Psychiatry and Neurology/Dept. of Child and Adolescent Psychiatry, Psychosomatics and Psychotherapy



**Tilman J. Gaber, Dipl.-Psych.**

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**Dr. Ciara McCabe, PhD**

University of Oxford, United Kingdom  
Dept. of Psychiatry



**Prof. Dr. Klaus Mathiak, MD**

RWTH Aachen/JARA Brain, Experimental Behavioral Psychobiology/Dept. of Psychiatry, Psychosomatics and Psychotherapy



**Dr. Rob Markus, PhD**

Maastricht University  
Experimental Psychopharmacology Unit