EXTINCTION LEARNING

25th - 26th of February 2020
Veranstaltungszentrum, Ruhr University Bochum

Programme

February 25th  9:15  Welcome - opening of the conference

Session 1  9:25  Basic principle and neural basis of fear and extinction

  9:30  Josue Haubrich
        Department of Psychology, McGill University, Montreal, Canada
        How severe fear learning leads to memories with limited plasticity that are resistant to change

  10:05  Johannes Letzkus
         Max Planck Institute for Brain Research, Frankfurt, Germany
         A Critical Role for Neocortical Processing of Threat Memory

  10:40  Coffee break / Poster Session / Brainstorming Session (1)

  12:00  Tina Lonsdorf
         Institute of Systems Neuroscience, UKE Hamburg, Germany
         Methodological considerations in research on fear conditioning, extinction and the return of fear

  12:35  Lunch break
March 25th - Afternoon

**Session 2:** 13:40  Experimental and pharmacological modulation of fear and extinction

13:45  **Jan Haaker**  
Systems Neuropharmacology, Department of Systems Neuroscience, University Medical Center Hamburg-Eppendorf, Hamburg, Germany  
*Neuropharmacological mechanisms of threat and extinction learning*

14:20  **Erno Hermans**  
Donders Institute for Brain, Cognition and Behaviour, Radboud University Medical Center, Nijmegen, the Netherlands  
*Neuroimaging insights into extinction enhancement*

14:55  **Coffee break / Brainstorming Session (2)**

15:45  **Dirk Hermans**  
Center for Psychology of Learning and Experimental Psychopathology, KU Leuven, Belgium  
*Generalization of extinction: clinical perspectives and lab findings*

16:20  **individual meetings** with RUB scientists
February 26th - Morning

Session 3  9:15  Translational and Behavioral Neuroscience

9:20  Stefan Reber  
Molecular Psychosomatics, Department of Psychosomatic Medicine and Psychotherapy, University Ulm, Germany  
“Old friends", immunoregulation and stress resilience

9:55  Luciana Besedovsky  
Institute of Medical Psychology and Behavioral Neurobiology, University of Tübingen, Germany  
Memory and the Immune System - The Connecting Role of Sleep

10:30  Coffee break / Poster Session / Brainstorming Session (3)

11:30  Michael Fanselow  
Department of Psychology, Department of Psychiatry and Behavioral Sciences, University of California, Los Angeles, USA  
The Impact of Chronic and Acute Stress on Fear Extinction

12:05  Lunch break
### Session 4  13:10  Psychopathology and Therapy

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<tr>
<th>Time</th>
<th>Speaker</th>
<th>Institute</th>
<th>Title</th>
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<tbody>
<tr>
<td>13:15</td>
<td>Katja Wiech</td>
<td>Wellcome Centre for Integrative Neuroimaging &amp; Nuffield Department of Clinical Neurosciences, University of Oxford, UK</td>
<td>The failing of the ‘ideal observer’: aberrant extinction learning in the context of pain</td>
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<td>13:50</td>
<td>Coffee break / Brainstorming Session (4)</td>
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<td>14:40</td>
<td>Maria Lalouni</td>
<td>Department of Clinical Neuroscience, Karolinska Institutet, Stockholm, Sweden</td>
<td>Online exposure-based cognitive behavioral therapy for children with abdominal pain</td>
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<td>15:15</td>
<td>Susanne Becker</td>
<td>Department of Chiropractic Medicine, University of Zurich, Switzerland</td>
<td>Impaired reward processing and altered pain-reward interactions: a route to chronic pain?</td>
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16:00 **Farewell** – end of conference