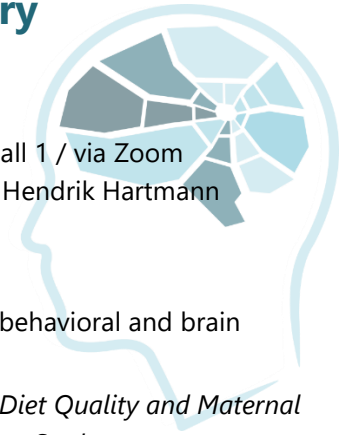


# The 8th Finnish Symposium of Biological Psychiatry



**Date** Monday 19.12.2022  
**Venue** University of Helsinki, Meilahti campus, Haartmaninkatu 3, Lecture hall 1 / via Zoom  
**Organizers** Tiina Paunio, Annette Horstmann, Iiris Hovatta, Katri Kantojärvi, and Hendrik Hartmann

## **SESSION I** *Chaired by Iiris Hovatta*

**9:00-9:15** Welcoming words, Annette Horstmann, PhD, associate professor of behavioral and brain sciences, *University of Helsinki*

**9:15-9:30** Ville Airaksinen, MD, University of Helsinki, *Longitudinal Analyses of Diet Quality and Maternal Depressive Symptoms During Pregnancy: The Kuopio Birth Cohort Study*

**9:30-9:45** Lauri Elsilä, MSc, University of Helsinki, *Iowa Gambling Task as a common currency task – reviewing the potential for interspecies translation in psychopharmacology research*

**9:45-10:00** Iina Annala, MSc, University of Helsinki, *Dose-dependent effects of ketamine on electrophysiological network activity and TrkB-ERK signaling in cortical neuron culture*

## **SESSION II** *Chaired by Iiris Hovatta*

**10:00-10:45** Tomi Rantamäki, PhD, professor of molecular pharmacology, University of Helsinki  
*No laughing matter – what nitrous oxide can tell about rapid antidepressant mechanisms?*

**10:45-11:15** Coffee Break

## **SESSION III** *Chaired by Tiina Paunio*

**11:15-11:30** Hamed Haque, MSc, University of Helsinki, *Is mild ADHD beneficial: Brain criticality is maximal with moderate ADHD symptom scores*

**11:30-11:45** Johanna Liuhanen, MSc, University of Helsinki, *Genetic risk for schizophrenia is associated with work ability in the general population - the intensifying role of insufficient sleep*

**11:45-12:00** Karolina Anja, MSc, University of Tartu, *The genetic basis of eating behaviors*

**12:00-13:00** Lunch Break

## **SESSION IV** *Chaired by Annette Horstmann*

**13:00-13:45** Keynote lecture: Julia Sacher, PD, MD, PhD, Minerva Research Group EGG (Emotion & neuroimaging) Lab, Max Planck Institute for Human Cognitive and Brain Sciences, Germany  
*Impact of hormonal changes in mood regulation*

**13:45-14:00** Coffee Break

## **SESSION V** Posters

**14:00-15:00** Posters

## **SESSION VI** *Chaired by Tiina Paunio*

**15:00-15:45** Erika Jääskeläinen, MD, PhD, University of Oulu  
*Biological treatment of insomnias – pros and cons of antipsychotics*

**15:45** Closing words