



# **Neuroplasticity – between Genes, Environment and Treatment**



**This year's Robert Sommer Award Winner:**

**Barbara Sahakian & Trevor Robbins**

Professor of Clinical Neuropsychology at the Department of Psychiatry, University of Cambridge School of Clinical Medicine  
Head of the Department of Experimental Psychology at the University of Cambridge, Director of the Behavioural and Clinical  
Neuroscience Institute at the Cambridge University

## **Preliminary Programme**

**Thursday, 3-11-2016**

**13.00 Information desk opened**

**14.00 Welcome Address: Bernd Gallhofer**

**14.15 Opening Lecture: Chair: Lars Farde**

**Andreas Meyer-Lindenberg, Mannheim:** From psychological research to social prevention in psychiatry: the Robert Sommer legacy

**15.00 Symposium I: Chair: tba**

**Markus Leweke, Mannheim:** Fatty acid ethanolamides in psychosis and related conditions

**Marta Di Forti, London:** Cannabis use across the EU: a ticket to Psychosis?

**16.00 Coffee Break**

**16.30 Symposium II: Chair: Peter Kirsch**

**Lars Farde, Stockholm:** Contribution of non-genetic factors to dopamine and serotonin receptor availability in the adult human brain

**Gebhard Sammer, Giessen:** Gaze Cueing: New Insights

**17.30 Evening Lecture: Chair: Christos Pantelis**

**Sir Robin Murray, London:** Should psychiatrists be more cautious about prophylactic use of antipsychotics?

**Friday, 4-11-2016**

**8.30 Morning Coffee Reception**

**9.00 Welcome Addresses**

**Joybrato Mukherjee**, President, Justus Liebig University Giessen

**Wolfgang Weidner**, Dean, Faculty of Medicine, Justus Liebig University Giessen

**Dietlind Grabe-Bolz**, Mayoress of Giessen

**9.45 Award Ceremony: Presentation of the Award Medal**

**Laudatio: Andreas Meyer-Lindenberg, Mannheim**

**10.00 Laureates' lectures:**

**Trevor Robbins, Cambridge:** Translational Models of Schizophrenia: Prospects and Utility

**Barbara Sahakian, Cambridge:** Improving cognition using modafinil or games in first episode psychosis and schizophrenia

**11.00 Coffee Break**

**11.15 Poster Sessions**

A Elementary Cognitive Processing

B Emotional and Social Processing

C Biological Correlates of Illness

D Diagnosis, Treatment and Medication

**13.00 Lunch Break**

**14.00 Symposium III: Chair: Robin Murray**

**Ingrid Melle, Oslo:** The polygenetic background of schizophrenia and neurodevelopment

**Birte Glenthøj, Copenhagen:** Multimodal abnormalities in schizophrenia patients before and after their first antipsychotic treatment: Insight into the pathophysiology of schizophrenia based on data from four cohorts of initially antipsychotic-naïve first-episode schizophrenia patients

**15.00 Symposium IV: Marta Di Forti**

**Tim Crow, Oxford:** Does schizophrenia arise from XY epi-mutations in male meiosis?

**Tilo Kircher, Marburg:** Gene Environment Interaction in the Aetiology of the Major Psychoses

**16.00 Coffee Break**

**16.30 Evening Lecture: Chair: Ingrid Melle**

**Christos Pantelis, Melbourne:** Risk and Resilience for psychosis and developmental disorders: Brain maturation, genes and environment

**17.15 Presentation of the Poster Awards by the Laureate**

Chair: Petra Netter (Speaker of the Poster Award Committee)

**19.30 Evening Dinner Reception**

**20.00 Conference Dinner in the New Building of the Centre for Psychiatry and Psychotherapy  
Giessen**

**Saturday, 5-11-2016**

**8.30 Morning Coffee Reception**

**9.00 Welcome Addresses**

**9.30 Symposium I**

**Andreas Meyer-Lindenberg, Mannheim:** A passion for schizophrenia research – the Giessen legacy.

**Lars Farde, Stockholm:** Non-neuronal brain plasticity

**Lars Witteck, Gießen:** Bernd Gallhofer as a philanthropist

**11.00 Coffee Break**

**11.30 Welcome Addresses**

**12.00 Symposium II**

**Sir Robin Murray, London:** Cognitive Heterogeneity in Psychosis: views of an Ex-European

**Michael Franz, Kassel / Bad Emstal:** Quality of Life in Schizophrenia

**Peter Kirsch, Mannheim:** Cognitive function in schizophrenia: The social neuroscience perspective

**13.30 Closing Remarks: Gebhard Sammer**