

### Symposium 7 - continued

One slide presentations (3 min presentation) on successful T cell and COX-2 immunotherapy in mood disorders, with focus on preselection of markers of T cell dysfunction..

Sara Poletti, Francesco Benedetti, Milano/Italy  
Marion Leboyer, David Klatzman, Paris/France  
Sara Fromme, Bernhard Baune, Muenster/Germany  
Hemmo Drexhage, Virgil Dalm, Rotterdam/The Netherlands  
Cai Song, Shenzhen/China  
Maria Simon, Gara Arteaga, Norbert Müller, Munich/Germany

Please contact [h.drexhage@erasmusmc.nl](mailto:h.drexhage@erasmusmc.nl) if you want to present one slide in the topic.

#### Discussion pro and contra thesis

What stands in the way for a rapid deployment of the novel therapies (structure of health care, organization, who is going to pay for experimental treatments) and what are putative solutions.

3:30 – 4:00 pm Coffee break

4:00 – 6:00 pm Symposium 8 & Workshop 3

#### Basics of modern CSF diagnostics

Chairs: Hayrettin TUMANI, Ulm/Germany,  
Brigitte Wildemann, Heidelberg/Germany

Milestones and basics of modern CSF diagnostics  
Hayrettin TUMANI, Ulm/Germany

CSF findings in covid and post-covid-disorders  
Brigitte Wildemann, Heidelberg/Germany

Update on fluid biomarkers in cognitive disorders  
Jens Wiltfang oder Nils Hansen, Göttingen/Germany

Update on pTau217 beyond Dementia  
Markus Otto, Halle/Germany

Intrathecal antibody synthesis in autoimmune encephalitis  
Jan Lewerenz, Ulm/Germany

Panel Discussion: all speakers

### LOCATION SCHLOSS REISENSBURG

7:00 pm Dinner & Music

### SUNDAY, MAY 4<sup>TH</sup>, 2025 LOCATION SCHLOSS REISENSBURG

9:00 – 10:00 am Workshop 4

New views on chronic diseases of the CNS: developmental biology, complexity and immunological networks. Perspectives for CSF diagnostics and therapy concepts.  
Hansotto Reiber, Göttingen/Germany

### VENUE

Wissenschaftszentrum  
(Science Center of Ulm University)  
Schloss Reisenburg  
Bürgerm.-Joh.-Müller-Str. 1  
D-89312 Günzburg/Donau

### ORGANIZERS

Prof. K. Bechter, Günzburg/Ulm  
Prof. L. Tebartz van Elst, Freiburg

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Prof. A. Vincent, Oxford

World Psychiatric Association  
Immunology and Psychiatry Section  
German Society of Biological Psychiatry  
Section Immunology & CSF Research

### PARTICIPANT FEE AND BAND

The participation fee is 120,00 Euro.

### FREE WIFI AT BKH

bks-gast-gz  
no login necessary  
(just tick the 2 boxes!)

### ASSISTANCE, QUERIES

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Prof. T. Frodl, Aachen  
Prof. D. Endres, Freiburg

Prof. M. Benros, Copenhagen  
Prof. H. Ehrenreich, Göttingen  
Prof. A. Halaris, Maywood  
Prof. B. Lennox, Oxford  
Prof. S. Najjar, New York  
Prof. J. Steiner, Magdeburg  
Prof. R. Yolken, Baltimore

### FREE WIFI AT SCHLOSS REISENSBURG

Information will follow



## 17<sup>TH</sup> PSYCHOIMMUNOLOGY EXPERT MEETING

01<sup>TH</sup> TO 04<sup>TH</sup> MAY 2025

IMMUNOPSYCHIATRY ON THE MOVE TO  
INDIVIDUALIZED DIAGNOSTICS AND

FINAL  
PROGRAMM

**DFG** Deutsche  
Forschungsgemeinschaft  
German Research Foundation

**idorsia**

IMMUNITÄT  
UND SEELE

Young researchers can apply for a travel and participation grant at [hannelore.griesbaum@uniklinik-freiburg.de](mailto:hannelore.griesbaum@uniklinik-freiburg.de)



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**THURSDAY, MAY 1<sup>ST</sup>, 2025**  
**LOCATION SCHLOSS REISENSBURG**

**4:30 - 7:00 pm** Registration | Welcome drinks | Scientific exchange

**5:00 - 6:30 pm** Workshop 1

**Publishing with the Lancet**  
Hui Wu, Senior Editor Lancet, London/UK

**5:00 - 6:30 pm** Workshop 2 | Genomics of immune biomarkers

**Genomics of immune biomarkers assist in understanding treatment resistance and contribute to the practice of personalized psychiatry**  
Angelos Halaris, Maywood/USA

**Exploring immunity and genetics in depression**  
Marisol Herrera Rivero, Münster/Germany

**6:45 pm** Dinner Buffet / Entrance area

**7:30 - 9:00 pm** Opening Session (Roter Saal)

Chairs: K. Bechter, Ulm and Günzburg/Germany, T. Frodl, Aachen/Germany

**Unearthing the True Pathology: Neuroinflammatory Clues from Brain Tissue in Schizophrenia**  
Cyndi Shannon Weickert, Sydney/Australia

**Emerging Diagnostics and Immune Therapies in Autoimmune-Psychiatry**  
Harald Prüss, München/Germany

**FRIDAY, MAY 2<sup>ND</sup>, 2025**  
**LOCATION FESTSAAL BEZIRKSKRANKENHAUS GÜNZBURG**

**8:30 - 10:30 am** Symposium 1

**The emerging field of autoimmune psychiatry**

Chairs: Harald Prüss, Berlin/Germany  
Robert Yolken, Baltimore/USA

**Autoantibodies in Health and Disease**  
Hannelore Ehrenreich, Göttingen/Germany

**Plasma and CSF Levels of T-cell activation markers for Neuroinflammation and Autoimmunity in Patients with Suspected Psychiatric Manifestations of Immunological Disease Compared to Surgical and Population-Based Controls**  
Janet Cunningham, Uppsala/Sweden

**Autoimmunity in Obsessive-Compulsive Disorder - An Update**  
Dominique Endres, Freiburg/Germany

**Clinical symptoms and outcomes in patients with psychosis and NMDAR antibodies: a synthesis of 4 cohort studies**  
Belinda R Lennox, Oxford/UK

**10:30 - 11:00 am** Coffee break

**11:00 - 12:30 am** Symposium 2

**The emerging field of autoimmune psychiatry, continued**

Chairs: Belinda Lennox, Oxford/UK,  
Ludger Tebartz van Elst, Freiburg/Germany

**Autoantibody Burden in Mood and Psychotic Disorders**  
Jonathan Savitz, Tulsa/USA

**Three cases with chronic obsessive-compulsive disorder report gains in wellbeing and function following rituximab treatment**  
Maike Gallwitz, Uppsala/Sweden

**Remarks on the nosology of Autoimmune Psychosis**  
Ludger Tebartz von Elst, Freiburg/Germany

**Down's Regression Syndrome, a Classical Immune mediated organic psychosis**  
David Brown, Sydney/Australia

**12:30 - 1:30 pm** Lunch break

**1:30 - 3:30 pm** Symposium 3

**Understanding (personalized) disease mechanisms**

Chairs: Thomas Frodl, Aachen/Germany,  
Dominique Endres, Freiburg/Germany

**Mimicry (?) - molecular basis of antibody cross reactivity**  
Michael Szardenings, Leipzig/Germany

**The Role of Microglia in Autism Spectrum Disorder: Insights from the NL4 Knockout Mouse Model**  
Susanne Wolf, Berlin/Germany

**Circulating biomarkers indicate suicidal risk in patients with major depressive disorder**  
Alejandra P. Garza, Magdeburg/Germany

**The microbiome as the new frontier for psychiatric disorders and suicide behaviors**  
Faith Dickerson, Baltimore/USA

**The brain-body long-range volume transmission: Ependymoglia regulate cerebrospinal fluid flow to the peripheral organs**  
Alexej Verkhratsky, Manchester/UK

**3:30 - 4:00 pm** Coffee break

**4:00 - 6:00 pm** Symposium 4

**Understanding (personalized) disease mechanisms, cont.**

Chairs: Karl Bechter Günzburg/Germany  
Ludger Tebartz van Elst, Freiburg/Germany

**Non-resolving inflammation in the brain**  
Betty Diamond, New York/USA

**Two Decades of Discovery: Inflammation, Aging, and Glutamate in Depression**  
Ebrahim Haroon, Sandy Spring/USA

**Metabolic Psychiatry: novel diagnostic and therapeutic possibilities**  
Thomas Frodl, Aachen/Germany

**Exploring Biomarkers and Pathophysiology in the Diagnosis of Post-COVID Condition**  
Jonas Hosp, Freiburg/Germany

**Characterizing CSF cells using single cell transcriptomics**  
Gerd Meyer zu Hörste, Münster/Germany

**LOCATION SCHLOSS REISENSBURG**

**7:00 pm** Dinner (on own order)

**8.15 - 9:00 pm** Special presentations and discussion

**Emerging diagnostics and therapy in psychiatry**

Chair Th. Frodl + discussants: R. Yolken, USA, E. Haroon, USA, A. Vincent, UK (remote), N. Müller, Germany, T. Pollak, UK, L. Tebartz van Elst, Germany, F. Benedetti, Italy, H. Klein, The Netherlands, and all

**Updating the Peripheral CSF Outflow Pathway Hypothesis: proof for neurological and psychiatric immune/inflammatory relevance emerging**  
Karl Bechter, Günzburg+Ulm/Germany

**Tolerization for treating neurodegenerative and psychiatric diseases**  
Peter de Haan, Leiden/The Netherlands

**BCG vaccination changes the phenotype of perivascular macrophages in brain and may improve outcome in schizophrenia**  
Hans Klein, Groningen/The Netherlands

With discussion on the international situation of CSF diagnostics in severe mental disorders

**SATURDAY, MAY 3<sup>RD</sup>, 2025**  
**LOCATION FESTSAAL BEZIRKSKRANKENHAUS GÜNZBURG**

**9:00 - 10:30 am** Symposium 5

**Evolving disease concepts with insights on mild neuroinflammation**

Chairs: Norbert Müller, Munich/Germany,  
Angelos Halaris, Maywood/USA

**Disease- and treatment-related changes in leukocyte subpopulation counts in peripheral blood of schizophrenia patients: A meta-analysis investigating potential influencing factors**  
Leon Dudeck, Johann Steiner, Magdeburg/Germany

**Cerebrospinal fluid analyses in the diagnostic work-up of outpatients with mental disorders**  
Kimon Runge, Freiburg/Germany

**Innovative inflammation diagnostic for the detection of low-grade inflammation in patients with schizophrenia: the journey from idea to market-ready product**  
Ute-Christian Meier+Hans-Hermann Söfing, Munich/Germany

**Investigating the Role of Inflammation in Peripartum Depression**  
Sarah Kittel-Schneider, Cork/Ireland

**10:30 - 11:00 am** Coffee break

**11:00 - 12:45 am** Symposium 6

**Evolving diagnostics of mild neuroinflammation**

Chairs: Ebrahim Haroon, Atlanta/USA  
Johann Steiner, Magdeburg/Germany

**Cerebrospinal fluid free kappa light chains in psychiatric disorders associated with neural autoantibodies**  
Niels Hansen, Göttingen/Germany

**New data on the immune response to specific peptides of Epstein Barr Virus (EBV) relating to psychiatric disorders and suicide behaviors**  
Robert Yolken, Baltimore/USA

**Interferon- and cytokine-directed autoantibodies in patients with psychiatric**  
Christian Scheiber, Ulm/Germany

**Neuroimaging signatures of peripheral inflammatory markers in schizophrenia**  
Arnim Gaebler, Aachen/Germany

**12:45 - 1:30 pm** Lunch break / Poster Session

**1:30 - 3:30 pm** Symposium 7

**The antidepressant effect of T cell correcting and anti-inflammatory immunotherapies in patients with major depression preselected by immune tests (precision immunotherapy)**

Chairs: Hemmo Drexhage, Rotterdam/The Netherlands,  
Francesco Benedetti, Milano/Italy

**One slide presentations (2 min presentation) on (published) T cellular immune abnormalities in major depression and bipolar disorder with a focus on premature aging. .**

Maria Simon, Norbert Mueller, Munich/Germany  
Magda Ioannou, Benno Haarmann, Groningen/The Netherlands  
Roberto Furlan, Francesco Benedetti, Milano/Italy  
Jonathan Savitz, Tulsa/USA  
Ryad Tamouza, Marion Leboyer, Herve Perron, Paris/France

*Please contact h.drexhage@erasmusmc.nl if you want to present one slide in the topic.*