

TRANSLATIONAL NEUROSCIENCE

Autumn School

15th - 16th Nov 2024

Venue: Rudolf Virchow Centre
Josef-Schneider-Straße 2
97080 Würzburg

Friday, 15th November

8:30 **Registration for Conference**

9:30 **Welcome talk** by Prof. Carmen Villmann
Spokesperson of the Elite Graduate Program Translational Neuroscience

Session 1 - Neuroinflammation

9:50 **“Modulating neuroinflammation as a treatment for Parkinson’s Disease”**
Prof. Dr. Rhonda Mcfleder, University of Würzburg

10:50 Coffee Break

11:10 **“The Interplay between Neuroinflammation and Deep Brain Stimulation in Parkinson's Disease: Advances and Implications”**
Ibrahem Hanafi, MD, University of Würzburg

11:55 ***Open Discussion:***
“Transatlantic Science – Life in Research in Germany and US”
Drew Dietz, MD & Prof. Dr. Carmen Villmann

12:35 Lunch

13:35 **Poster Session**

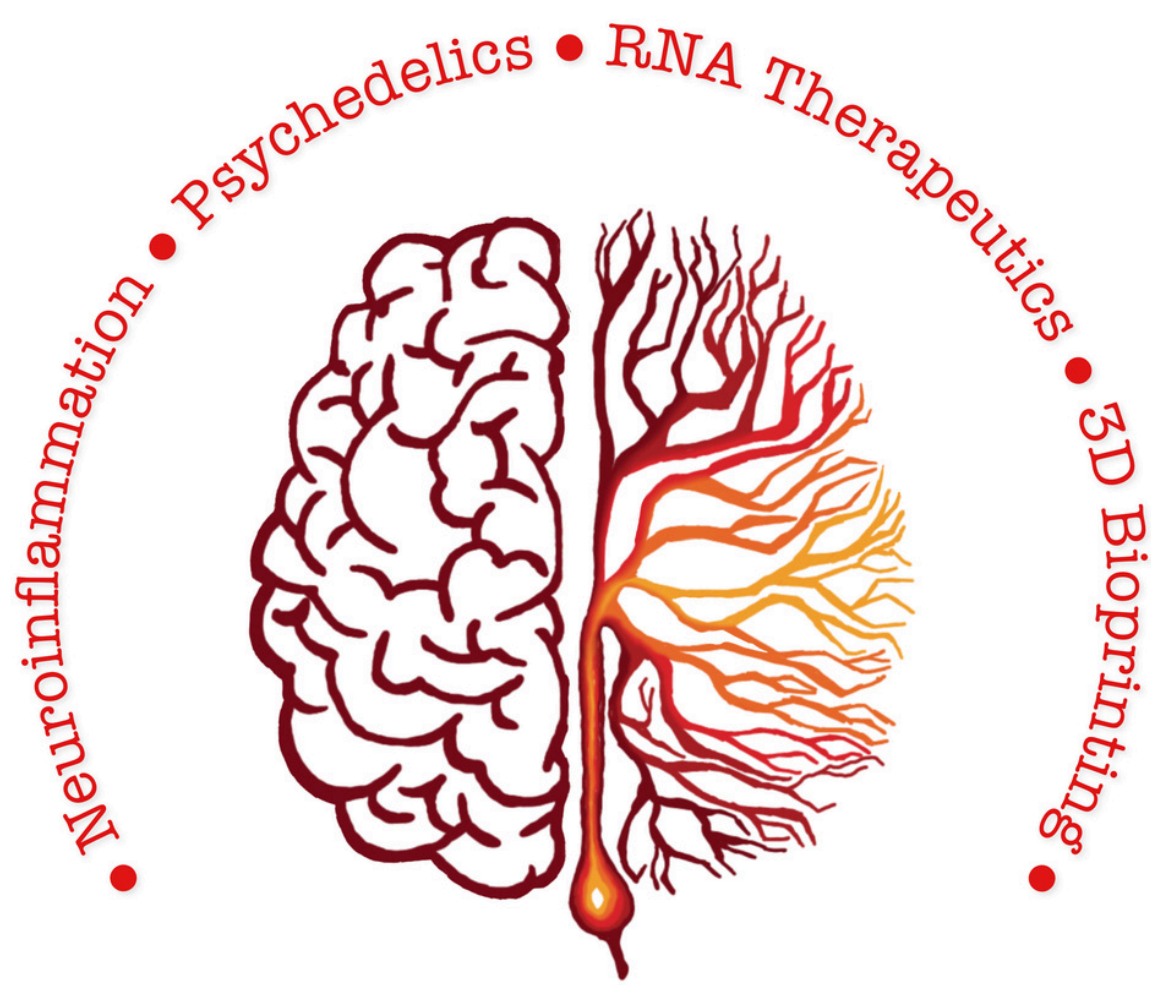
Session 2 - Psychedelics

14:35 **“Psilocybin treatment of Tobacco Use Disorder”**
Prof. Dr. Matthew W. Johnson, Sheppard Pratt, Baltimore

15:40 **“Psychedelics – a paradigm shift in psychiatric treatment?”**
Prof. Dr. Gerhard Gründer, Central Institute for Mental Health, Mannheim

16:20 Coffee Break

16:40 **“Psilocybin vs. classic antidepressants: neuropharmacological depression treatment”**
Tommaso Barba, Centre for Psychedelic Research, London



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Saturday, 16th November

Session 3 - RNA Therapeutics

- 9:30 “Novel regenerative medicine approaches for neurological diseases”
Drew Dietz, MD, Shape Therapeutics Inc., Seattle
- 10:35 “RNA therapeutics for neurological diseases”
Yury Seliverstov, MD PhD, University of Ulm
- 11:15 Coffee Break

Add-On Session 1 - Neuroinflammation

- 11:35 “Microglia-T cell interaction in C9orf72 ALS”
Dr. Qihui Zhou, DZNE, München
- 12:35 Lunch
- 13:35 **Workshop:**
“Introduction to genome databases for molecular neurobiology research”
PD Dr. Michael Briese, University of Würzburg
- 15:35 Coffee Break

Poster Session

Session 4 - 3D Bioprinting

- 15:55 “Developing 3D-Bioprinted vascularized Neuroblastoma-on-Chip model to study metastasis” Veronika Cibulková, Medizinische Universität Innsbruck
- 16:40 “Human neuronal cell models to investigate ADHD pathomechanisms”
Dr. Rhiannon McNeill, University of Würzburg
- 17:20 “Glioblastoma in a Brain-mimetic ECM modeling Tumor Microenvironment interactions” Mateo Andrade Mier, University of Würzburg
- 18:00 Closing Remarks