



Summer Semester 2022

Secondary Subject: Cognitive and Translational Neuroscience
 Module representative: Prof. Christian Wetzel, Prof. Veronica Egger
 Organizer of CTN I: M. Lukas / CTN II: V. Egger/ Seminar: C. Wetzel

| CTN Lecture I | Location | | Time |
|--|----------------------|-------------|-------------------------------|
| Cognition, Emotion | DE2.121 (Bio) | | Tues 8³⁰-10 |
| Topic | Lecturer | # VL | Date (s) |
| Hippocampus – memory, attention | Greenlee | 1 | 26.4. |
| | | 2 | 3.5. |
| Language and symbolic representation | Greenlee | 3 | 10.5. |
| Perception and Action | Lingnau | 4 | 17.5. |
| Emotions, stress | Neumann Menon | 5 | 24.5. |
| | | 6 | 31.5. |
| Pentecost holidays | | | 7.6. |
| Neuroethology | Bosch | 7 | 14.6. |
| Addiction, stimulants | Flor | 8 | 21.6. |
| Social interactions | Lukas | 9 | 28.6. |
| Decisions, free will, intentionality | Brembs | 10 | 5.7. |
| | | 11 | 12.7. |
| Empathy | Levy (guest) | 12 | 19.7. |
| Consciousness/Brain states including sleep | Hinterberger | 13 | 26.7. |

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| CTN Lecture II | Location | | Time |
|---|----------------------------|------|------------------------------|
| Neurology & Psychiatry | D4 (UKR) | | Thursday 8 ³⁰ -10 |
| Topic | Lecturer | # VL | Date |
| <i>Block together with MSc Molecular Medicine (C.Kolbeck/P.Hau)</i> | | | |
| Introduction to neurology | R. Linker | 1 | 9.5. |
| Neuroimmunology | R. Linker | 2 | 11.5. |
| Neurosurgery - resection versus function | N. Schmidt / K. Rosengarth | 3 | 12.5. |
| Neurooncology | P. Hau | 4 | 13.5. |
| <i>holiday</i> | | | 26.5. |
| Human genetics: Monogenetic CNS diseases | B. Weber/K. Plössl | 5 | 2.6. |
| Human genetics: Complex CNS diseases | B. Weber/K. Plössl | 6 | 9.6. |
| <i>holiday</i> | | | 16.6. |
| Pain | C. Lassen | 7 | 23.6. |
| Viral CNS infections | B. Schmidt | 8 | 30.6. |
| Depression | R. Rupprecht | 9 | 7.7. |
| Brain stimulation | B. Langguth | 10 | 14.7. |
| Mitochondria and the brain | C. Wetzel | 11 | 21.7. |
| Self-harming behavior in youth | R. Brunner | 12 | 28.7. |

Methods seminar (C.Wetzel)

| 17:00 | Lecturer/Faculty | Topic | Student |
|--------------|--|--|----------------|
| 11.05.2022 | Prof. Dr. Thilo Hinterberger thilo.hinterberger@ukr.de | Computer/Brain interface | |
| 18.05.2022 | Dr. Rohit Menon Rohit.menon@ur.de | Social fear conditioning | |
| 25.05.2022 | Dr. Arabel Vollmann arabel.vollmann@ukr.de | Flow cytometry | |
| 01.06.2022 | Dr. Karolina Plössl Karolina.ploessl@ukr.de | RPE→transepithelial resistance | |
| 08.06.2022 | Dr. Vladimir Milenkovic vladimir.milenkovic@ukr.de | iPSCs (induced pluripotent) stem cells | |
| 15.06.2022 | Dr. Katharina Rosengarth katharina.rosengarth@ukr.de | fMRI | |
| 22.06.2022 | Dr. Tobias Welz tobias.welz@ukr.de | Fluorescence microscopy | |
| 29.06.2022 | Prof. Dr. Christian Wetzel Christian.Wetzel@ukr.de | Mitochondrial function | |