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| Module Name Tutorial Neuroscience | | | | | | |
| Type of Module ○ Basic Module | | | | Module Code Neuroscience Tutorial | | |
| Identification Number MN-B-N 3 | Workload 180 h | Credit Points 6 CP | Term 1 st term of studying | Offered Every Winter term | Start Winter term only | Duration 1 term |
| 1 | Course Types Tutorial | | Contact Time 60 h | Private Study 120 h | | Planned Group Size 16 students |
| 2 | Module Objectives and Skills to be Acquired Students who successfully completed this module <ul style="list-style-type: none"> filled gaps in the previous knowledge of approaches in neuroscience. acquired a broad spectrum of knowledge in neuroscience methods, theory and data evaluation. learned how to critically read and discuss papers in the neurosciences. | | | | | |
| 3 | Module Content <ul style="list-style-type: none"> Electrophysiological techniques Cellular neurophysiology Imaging techniques Microscopy Staining techniques Genetic approaches Methods in the computational neurosciences Statistics How to prepare a Journal Club | | | | | |
| 4 | Teaching Methods <ul style="list-style-type: none"> Interactive lectures; Introduction to techniques on devices; Training on presentation techniques | | | | | |
| 5 | Prerequisites (for the Module) Enrollment in the Master's degree course "Biological Sciences; Simultaneous participation in the "Lecture Neuroscience" and the "Seminar Neuroscience". | | | | | |

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| 6 | Type of Examination Oral presentation (100 % of the total module mark) |
| 7 | Credits Awarded Regular and active participation; oral presentation at least “sufficient” |
| 8 | Compatibility with other Curricula None |
| 9 | Proportion of Final Grade 7.5 % |
| 10 | Module Coordinator Prof. Dr. Henrike Scholz, phone 470 3121, e-mail: henrike.scholz@uni-koeln.de |
| 11 | Further Information Participating faculty: Prof. Dr. S. van Albada, Prof. Dr. A. Büschges, Prof. Dr. H. Endopols, Prof. Dr. K. Ito, Prof. Dr. P. Kloppenburg, Prof. Dr. M. Nawrot, Dr. T. Riemensperger, Prof. Dr. H. Scholz Literature: <ul style="list-style-type: none">Information about textbooks and other reading material will be given on the ILIAS representation of the course (see https://www.ilias.uni-koeln.de/ilias/goto_uk_cat_2815610.html) General time schedule: Weeks 1-14: Tutorials and oral presentations (starting at 1:00 p.m. at different dates, more details will be given in the introduction to the module). Introduction to the module: October 13, 2022 at 1:00 p.m. (further information see ILIAS folder). |