

Module Name Seminar Neurobiology: Genes, Circuits and Behaviour						
Identification Number	Workload	Credit Points	Term	Offered Every	Start	Duration
M-Neuro-AM-15 a-b	180 h	6 CP	1 st term of studying	Winter term	Winter term only	1 term
1	Course Types Seminar		Contact Time 52 h		Private Study 128 h	
2	Module Objectives and Skills to be Acquired Students who successfully completed this module <ul style="list-style-type: none"> • have acquired an understanding of important techniques used in the neurosciences. • are able to critically read, interpret and discuss research papers in the neurosciences. • have learned how to present a research paper in oral form on a demanding level. 					
3	Module Content The Seminar on research papers in Neuroscience covers a broad spectrum of topics, as e.g. <ul style="list-style-type: none"> • Neurogenetics • Electrophysiology • Neuroanatomy • Development • Neuromodulation • Motor control • Computational neuroscience 					
4	Teaching Methods <ul style="list-style-type: none"> • Seminar; Group discussions; Guidance to critical interpretation of literature; Training on presentation techniques in oral form 					
5	Prerequisites (for the Module) Enrollment in the Master's degree course "Master of Science in Neuroscience" or in the Master's degree course "Experimental and Clinical Neuroscience"; Simultaneous participation in the lecture module Neuroscience and in the tutorial module Neuroscience					
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 Optional compulsory module in the Master's degree course "Experimental and Clinical Neuroscience"					

9	Proportion of Final Grade 7.5 %
10	Module Coordinator Dr. Matthias Gruhn, phone 470 3103, e-mail: mgruhn@uni-koeln.de
11	Further Information Participating faculty: Prof. Dr. S. van Albada, PD Dr. B. Altenhein, Prof. Dr. A. Büschges, Prof. Dr. S. Daun, Prof. Dr. H. Endepols, Dr. M. Gruhn, Prof. Dr. K. Ito, Prof. Dr. P. Kloppenburg, Prof. Dr. T. Korotkova, Prof. Dr. M. Nawrot, Prof. Dr. R. Predel, Dr. T. Riemensperger, Dr. V. Rostami, Prof. 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: Seminars and oral presentations (starting at 2:00 p.m. at different dates, more details will be given in the introduction to the module). Introduction to the module: The date of the introduction to the module will be announced in a regularly updated module description that will be posted in the internet and in KLIPS before registration to the module starts.