

<b>Module Name</b> Seminar Neurobiology: Genes, Circuits, and Behavior						
<b>Type of Module</b> ○ Basic Module				<b>Module Code</b> Neurobiology Seminar		
<b>Identification Number</b> MN-B-N 2	<b>Workload</b> 180 h	<b>Credit Points</b> 6 CP	<b>Term</b> 1 <sup>st</sup> term of studying	<b>Offered Every</b> Winter term	<b>Start</b> Winter term only	<b>Duration</b> 1 term
<b>1</b>	<b>Course Types</b> Seminar		<b>Contact Time</b> 52 h	<b>Private Study</b> 128 h		<b>Planned Group Size*</b> 24 students
<b>2</b>	<b>Module Objectives and Skills to be Acquired</b> Students who successfully completed this module <ul style="list-style-type: none"> <li>• have acquired an understanding of important techniques used in the neurosciences.</li> <li>• are able to critically read, interpret and discuss research papers in the neurosciences.</li> <li>• have learned how to present a research paper in oral form on a demanding level.</li> </ul>					
<b>3</b>	<b>Module Content</b> <ul style="list-style-type: none"> <li>• Seminar on research papers that cover a broad spectrum of topics, from neurogenetics, electrophysiology, neuroanatomy, development, neuromodulation, motor control and computational neuroscience</li> </ul>					
<b>4</b>	<b>Teaching Methods</b> <ul style="list-style-type: none"> <li>• Seminar; Training on presentation techniques in oral form</li> </ul>					
<b>5</b>	<b>Prerequisites (for the Module)</b> Enrollment in the Master´s degree course "Biological Sciences" or in the Master´s degree course "Experimental and Clinical Neuroscience"; Simultaneous participation in the lecture module "Neurobiology: Genes, Circuits, and Behavior"					
<b>6</b>	<b>Type of Examination</b> Oral presentation (100 % of the total module mark)					
<b>7</b>	<b>Credits Awarded</b> Regular and active participation; Oral presentation at least "sufficient"					
<b>8</b>	<b>Compatibility with other Curricula</b> Master´s degree course "Experimental and Clinical Neuroscience"					
<b>9</b>	<b>Proportion of Final Grade</b> 7.5 %					
<b>10</b>	<b>Module Coordinator</b> PD Dr. Joachim Schmidt, phone 470 6135, e-mail: joachim.schmidt@uni-koeln.de					

11	<p><b>Further Information</b></p> <p><b>Participating faculty:</b> 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, PD Dr. J. Schmidt</p> <p><b>Literature:</b></p> <ul style="list-style-type: none"><li>• Information about textbooks and other reading material will be given on the ILIAS representation of the course (<a href="https://www.ilias.uni-koeln.de/ilias/goto_uk_cat_2815610.html">https://www.ilias.uni-koeln.de/ilias/goto_uk_cat_2815610.html</a>)</li></ul> <p><b>General time schedule:</b> Weeks 1-14: Seminars/tutorials and oral presentations (starting at 2:00 p.m. at different dates, more details will be given in the introduction to the module).</p> <p><b>Introduction to the module:</b> October 11, 2021 at 2:00 p.m., online (further information/link will be sent to your Smail-Account); for preparation to the module before this introduction see ILIAS link under literature.</p>
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\*18 students from the Master's degree course "Biological Sciences" and 6 students from the Master's degree course "Experimental and Clinical Neuroscience"