

## Introductory session for new students in the International Master's Programme Biology

**Wednesday, 10th of October 2018, 9am-2pm, H 51 (!)**

- Information on the course of studies (choosing modules, registration for courses, etc.)
- Introduction of focus subjects and secondary subjects by the person responsible for the modules of this subject.

9:00	<b>Introduction</b> (Prof. Sprenger; Dean of Studies)
9:15	<b>Skills Modules</b> (Brunner; study coordinator)
9:25	<b>"Academic English Writing Support"</b> - Introduction of the writing service for students (ZSK)
9:30	<p><i>Focus subject: <b>Genetics</b></i></p> <p><i>Theoretical Module:</i> Genetics (Prof. Sprenger, Prof. Seufert)</p> <p><i>Practical Modules:</i></p> <ul style="list-style-type: none"> <li>• Regulation of Cell Division and mRNA Translation (Prof. Seufert)</li> <li>• Regulation of Cell Division in Drosophila (Prof. Sprenger)</li> </ul>
9:40	<p><i>Focus subject: <b>Biochemistry</b></i></p> <p><i>Theoretical Module:</i> RNA Biochemistry (Prof. Meister)</p> <p><i>Practical Modules:</i></p> <ul style="list-style-type: none"> <li>• RNA Biology (Prof. Meister)</li> <li>• Post-transcriptional regulation of gene expression (PD Dr. Medenbach)</li> <li>• Long Noncoding RNAs in Tissue Homeostasis and Disease (Dr. Kretz)</li> </ul>
9:50	<p><i>Focus subject: <b>Biochemistry</b></i></p> <p><i>Theoretical Module:</i> Protein Biochemistry and Enzymology (Prof. Sterner)</p> <p><i>Practical Module:</i> Protein Biochemistry and Enzymology (Prof. Sterner)</p>
10:00	<p><i>Focus subject: <b>Biochemistry</b></i></p> <p><i>Practical Modules:</i></p> <ul style="list-style-type: none"> <li>• Ribosome Biogenesis (Prof. Tschochner)</li> <li>• Chromatin Dynamics and Nuclear Architecture (Prof. Längst)</li> </ul>
10:10	<p><i>Focus subject: <b>Neurobiology</b></i></p> <p><i>Theoretical Module:</i> Neurobiology (Prof. Neumann)</p> <p><i>Practical Modules:</i></p> <ul style="list-style-type: none"> <li>• Molecular Neurobiology of Behaviour (Prof. Neumann, Prof. Bosch)</li> <li>• Molecular and Cellular Neurobiology (Prof. Flor)</li> <li>• Neurophysiology (Prof. Egger)</li> </ul>
10:20	<p><i>Focus subject: <b>Theoretical Ecology</b></i></p> <p><i>Theoretical Module:</i> Theoretical Ecology (Prof. Hartig)</p> <p><i>Practical Module:</i> Theoretical Ecology (Prof. Hartig)</p>
10:30	<p><i>Focus subject: <b>Biophysics</b></i></p> <p><i>Theoretical Module:</i> Structural Biology/Biophysics I and II (Prof. Sprangers, Prof. Ziegler)</p> <p><i>Practical Modules:</i></p> <ul style="list-style-type: none"> <li>• Structure Biology of Membrane Proteins (Prof. Ziegler)</li> <li>• Biomolecular NMR-Spectroscopy (Prof. Sprangers)</li> </ul>

10:40	<p><i>Focus subject: <b>Plant Cellular Biochemistry and Genetics</b></i></p> <p><i>Theoretical Module:</i> Cellular Plant Biochemistry and Genetics (Prof. Dresselhaus, Prof. Grasser)</p> <p><i>Practical Modules:</i></p> <ul style="list-style-type: none"> <li>• Molecular Cell and Developmental Biology of Plants (Prof. Dresselhaus)</li> <li>• Plant Biotechnology (Prof. Dresselhaus)</li> <li>• Molecular Biology and Biochemistry of Plants (Prof. Grasser)</li> </ul>
10:50	<p><i>Focus subject: <b>Ecology and Nature Conservation</b></i></p> <p><i>Theoretical Module:</i> Ecology and Nature Conservation (Prof. Poschlod, Prof. Reisch)</p> <p><i>Practical Modules:</i></p> <ul style="list-style-type: none"> <li>• Ecology and Nature Conservation (Prof. Poschlod)</li> <li>• Molecular Ecology and Genetics of Nature Conservation (Prof. Reisch)</li> </ul>
11:00	<p><i>Focus subject: <b>Biodiversity</b></i></p> <p><i>Theoretical Module:</i> Biodiversity (Prof. Poschlod)</p> <p><i>Practical Module:</i> Biodiversity (Prof. Poschlod)</p>
11:10	<p><i>Focus subject: <b>Evolutionary and Systematic Botany</b></i></p> <p><i>Theoretical Module:</i> Evolutionary and Systematic Botany (Prof. Oberprieler)</p> <p><i>Practical Module:</i> Evolutionary and Systematic Botany (Prof. Oberprieler)</p>
11:20	<p><i>Focus subject: <b>Molecular Ecology and Evolutionary Biology</b></i></p> <p><i>Theoretical Module:</i> Molecular Ecology and Evolutionary Biology (Prof. Heinze)</p> <p><i>Practical Modules:</i></p> <ul style="list-style-type: none"> <li>• Molecular Ecology and Evolutionary Biology of Social Insects (Prof. Heinze)</li> <li>• Chemical Ecology (Prof. Ruther)</li> <li>• Molecular Ecology of Insect-Microbe Interactions (Prof. Strohm, PD Dr. Herzner)</li> <li>• Molecular, Evolutionary and Behavioural Ecology (Prof. Strohm, PD Dr. Herzner)</li> <li>• Individual and Collective Decision Making in Social Insects (Dr. Czaczkes)</li> <li>• Aquatic Ecology (Prof. Schubart)</li> </ul>
11:30	<p><i>Focus subject: <b>Zoology</b></i></p> <p><i>Theoretical Module:</i> Zoology (Prof. Schubart)</p> <p><i>Practical Modules:</i></p> <ul style="list-style-type: none"> <li>• Behavioural Ecology of Social Insects (Prof. Heinze)</li> <li>• Functional Morphology (Prof. Strohm)</li> </ul>
<b>11:40</b>	<b>1 h Pause</b>
12:40	<p><i>Focus subject: <b>Microbiology</b></i></p> <p><i>Theoretical Module:</i> Microbiology (Prof. Grohmann)</p> <p><i>Practical Modules:</i></p> <ul style="list-style-type: none"> <li>• Organismic Microbiology (Prof. Rachel)</li> <li>• Microbial Cell Biology (Prof. Rachel)</li> <li>• Chemical Biology and Single-Molecule Biochemistry (Prof. Grohmann)</li> <li>• Molecular Microbiology (Prof. Hausner)</li> </ul>
12:50	<p><i>Focus subject: <b>Molecular Human Biology</b></i></p> <p><i>Theoretical Module:</i> Molecular Human Biology (Prof. Tamm)</p>

	<p><i>Practical Modules:</i></p> <ul style="list-style-type: none"> <li>• Human Anatomy - Cell Biology (Prof. Tamm, Prof. Fuchshofer)</li> <li>• Human Anatomy - Animal Models (Prof. Tamm, Prof. Fuchshofer)</li> </ul>
13:00	<p><i>Focus subject: <b>Bioinformatics</b></i></p> <p><i>Theoretical Module:</i> Computational Biology (Prof. Merkl)</p> <p><i>Practical Module:</i> Sequence- and Structure-based Computational Biology (Prof. Merkl)</p>
13:10	<p><i>Focus subject: <b>Cell and Developmental Biology</b></i></p> <p><i>Theoretical Module:</i> Cell and Developmental Biology (Prof. Schneuwly)</p> <p><i>Practical Modules:</i></p> <ul style="list-style-type: none"> <li>• Molecular Mechanisms of Development and Neurobiology (Prof. Schneuwly)</li> <li>• Drosophila Neurogenetics (Prof. Brembs)</li> </ul>
13:20	<p><i>Secondary subject: <b>Bioorganic Chemistry</b> (speaker Dr. Hilgers)</i></p> <p><i>Theoretical Module:</i> Bioorganic Chemistry (Prof. König)</p> <p><i>Practical Module:</i> Bioorganic Chemistry (Prof. König)</p>
13:30	<p><i>Secondary subject: <b>Human Genetics</b> (speaker Dr. Schulz)</i></p> <p><i>Theoretical Module:</i> Human Genetics (Prof. Weber)</p> <p><i>Practical Module:</i> Human Genetics (Prof. Weber)</p>
13:40	<p><i>Secondary subject: <b>Immunology</b></i></p> <p><i>Theoretical Module:</i> Immunology (Prof. Hehlhans)</p> <p><i>Practical Module:</i> Immunology (Prof. Hehlhans)</p>
13:50	<p><i>Secondary subject: <b>Medical Microbiology</b> (speaker PD Dr. Wild)</i></p> <p><i>Theoretical Module:</i> Medical Microbiology (Prof. Gessner)</p> <p><i>Practical Module:</i> Medical Microbiology (Prof. Gessner)</p>