

**GGNB: Short Methods Courses & Method Seminars; Extended Methods Courses**

**Preliminary program October 2018 - March 2019 (winter semester 2018/19)**

- subject to change -

- Registration possible two months before the course month -

Department/Group	Supervisor(s)	UniVZ	ID	Title of Course	Credits	Date
<b>Biochemistry</b>						
Jahn, Reinhard	Angel Perez-Lara, Sonja Pribicevic	340255	A 210	Study of membrane binding proteins involved in exocytosis	1.0	29-30 Nov 2018
Rehling, Peter	Lioba Kochbeck, Sabine Poerschke	340211	A 163	Native membrane protein complex isolation	0.5	15 Nov 2018
Tittmann, Kai	Sautner, Viktor	340018	A 064	Principles and methods of protein purification by chromatography	1.0	5-6 Nov 2018
Tittmann, Kai	Sören Rindfleisch / Viktor Sautner	340077	A 071	Thermodynamic characterization of biomolecular interactions by isothermal titration calorimetry	1.0	8-9 Nov 2018
Urlaub, Henning	Alexandra Stützer, Aleksandar Chernev	340237	A 177	Sequence analysis of proteins and their post-translational modifications by electrospray ionization (ESI) mass spectrometry	1.0	7-9 Nov 2018
<b>Molecular Biology &amp; Genetics</b>						
Brenig, Bertram	Brenig, Bertram	340170	A 006	Genotyping using FRET on the LightCycler	1.0	Nov 2018
Gruber, Jens	Gruber, Jens	340022	A 068	Mechanisms of RNA silencing	1.0	Nov 2018
Cramer Patrick	-	340316	A 214	Genome Science Lecture Series	1.5	Fridays
<b>Cell Biology &amp; Microbiology, Imaging</b>						
Nave, Klaus-Armin	Möbius, Wiebke	340222	A 044	Subcellular localization of proteins by immunoelectron microscopy of cryosections	1.0	5-6 Nov 2018
Pöhlmann, Stefan	Michael Winkler, Markus Hoffmann, Heike Hofmann-Winkler	340221	A 171	Viral transduction systems	1.0	13-15 Nov 2018
Lorenz, Verena	Andrea Braun	340362	A 240	Immunofluorescence of skin cells	1.0	29-30 Nov 2018
Braun, Andrea		340363	A 241	Mouse models in experimental dermatology: contact dermatitis	1.5	12-13 Nov 2018
<b>Developmental Biology, Anatomy &amp; Histology</b>						
Bucher, Gregor	Bucher, Gregor	340083	A 145	Orthologs and Paralogs – how they evolve and how to distinguish them	0.5	30 Nov 2018
Pieler, Tomas	Henningfeld, Kristine	340241	A 185	Microinjection in <i>Xenopus</i> embryos	1.0	22-24 Nov 2018
Uhmann, Anja / Hahn, Heidi	Uhmann, Anja, Dominik Botermann	340321	A 217	Culture and immunofluorescence staining of murine pituitary whole mounts	0.5	12 Nov 2018

Uhmann, Anja / Hahn, Heidi	Uhmann, Anja, Nadine Brandes	340323	A 218	Flow cytometric analysis of freshly isolated keratinocytes of adult mice	1.0	14-15 Nov 2018
<b>Vertebrate Animal Models</b>						
Bähr, Mathias	Lingor, Paul	340219	A 139	<i>In vitro</i> and <i>in vivo</i> models for Parkinson's disease research	0.5	20 Nov 2018
Brose, Nils	Erinn Gideons	340236	A 153	Isolation of synaptic compartments for quantitative biochemical analysis	0.5	30 Nov 2018
Pardo, Luis	Pardo, Luis	340040	A 063	Patch clamp	1.0	24-26 Oct 2018
Wichmann, Carolin	Chakrabarti, Rituparna	340196	A 149	Basic methods of transmission electron microscopy - from tissue preparation to 3D reconstruction	1.0	Nov 2018
<b>Theoretical, Systems &amp; Behavioral Neuroscience</b>						
Antal, Andrea	Strenzke, Nicola / Hoch, Gerhard / Nova, Mattia	340054	A 041	Auditory and visual evoked potentials	1.0	Nov 2018
<b>Structural Biology</b>						
Bennati, Marina	Tomas Orlando, Shu-Hao Liou	340055	A 003	EPR-Spectroscopy	1.5	14-16 Nov 2018
<b>Biophysics, Bioinformatics and Statistics</b>						
Beißbarth, Tim/ Bonn, Stefan / Posnien, Nico	Beißbarth, Tim/ Bonn, Stefan / Posnien, Nico	340208	A 157	Next Generation Sequencing (NGS) – Analysis of RNAseq and ChIP-seq data	1.5	20-22 Nov 2018
Grubmüller, Helmut / Schmidt, Christoph F.	Grubmüller, Helmut / Schmidt, Christoph F.	340166	A 025	Current Topics in Biophysics – Lecture Series	1.0	Fridays
Filippo Cosi	Filippo Cosi	340156	A 123	Introduction to Programming in Python	1.5	13-15 Nov 2018
Nietert, Manuel	Nietert, Manuel	340317	A 215_1	An introduction to reproducible handling of scientific data and concordant analysis using KNIME workflows	0.5	5-6 Nov 2018