

RIGeL Newsletter October 2020

RIGeL News

Application & Registration Deadlines

09.10.2020 | RIGeL Application Deadline

15.10.2020 | Application deadline - Funding of a personal student helper (Graduate Research Academy RNA Biology)

05.10.2020 | Workshop Präsentationstraining, 28.10. + 29.10.2020 (Two **separate** dates- there are still spots for the 29th!)

RNA Lecture Series Part II

In this winter term part II of the RNA Lecture Series „Modern methods to analyze features of ribonucleo-protein particles“ will start on November 4, 2020, 17:00 h over Zoom with the talk of Dr. Andrea Thorn (Universität Würzburg). In this part of the RNA Lecture Series, there will also be a guest lecture by Prof. Dr. Markus Bohnsack (Universität Göttingen). Prof. Dr. Bohnsack will give a talk on „CRAC(k)ing the mysteries of RNA-protein interactions“ on December 2nd, 2020. Full participation in Part II can be counted as a Method Course with 0.5 CP within the RIGeL Curriculum.

Get in contact with a potential future employer! - Roche Lecture Series on Biopharmaceutical Industry

This winter semester, all students and PhD students of the Faculty will again have the chance to get in touch with a potential future employer! The RIGeL Excursions and Industry Relations Group organizes the third Roche Lecture Series on Biopharmaceutical Industry: The group invited young leaders from the company Roche Diagnostics GmbH, Penzberg. During the winter term, the invited speakers will give lectures on different topics such as 'Bioprocessing in the Biopharmaceutical industry', 'The Biopharmaceutical industry and the revived focus on gene therapy', or 'Analytics & QC in the Biopharmaceutical Industry'. Participants will not just get unique insights into the work processes of a big pharmaceutical player, but also have the possibility to get in contact with the speakers in a relaxed atmosphere after each lecture. This is a great chance to discuss different options for internships or job opportunities at Roche Diagnostics or get some advice on how to move on with your personal career! All interested students, PhD students, faculty members and staff are welcome to attend the lecture series. The first talk will take place on November 11 at 16.00 h over Zoom. Talks will be held in English!

People

New students

[Benedikt Nerb, Section Biomed](#) | PhD topic: „Identification of microbiome - derived factors that influence peripheral tolerance to skin-associated antigens“, supervisor: Prof. Dr. Markus Feuerer

[Durdam Das, Section Biomed](#) | PhD topic: „In silico analysis of integrated high-throughput pharmacological and multi-omics data for precision medicine“, supervisor: Prof. Dr. Christoph Klein

[Björn Nüse, Section Biomed](#) | PhD topic: „Functional Characterization of LMX1B“, supervisor: Prof. Dr. Ralph Witzgall

[Sabrina Babl, Section CBB](#) | PhD topic: „Engineering of histones for chromatin transfection and long-lasting gene expression“, supervisor: Prof. Dr. Gernot Längst

[Theresa Süß, Section Neurobio](#) | PhD topic: „Involvement of septal endocannabinoid and oxytocin signaling during extinction of social fear“, supervisor: Prof. Dr. Inga Neumann

[Henna Kapoor, Section CBB](#) | PhD topic: „Functional Interaction of RNA polymerase II transcription elongation factors in Arabidopsis Thaliana“, supervisor: Prof. Dr. Klaus Grasser

Alumni

[Enrico Hupfeld, Section CBB](#) | PhD topic: „Linkage between catalytic mechanism and conformational dynamics in (βα)8-barrel enzymes at the example of Imidazole Glycerol Phosphate Synthase“, supervisor: Prof. Dr. Reinhard Sterner

Daniela Sparrer, Section Biomed | PhD topic: „Role of E-cadherin in metastatic brain colonization“, supervisor: Prof. Dr. Michael Krahn

Magdalena Meyer, Section Neurobio | PhD topic: „Effects of oxytocin receptor variants on activated signaling cascades and cellular processes“, supervisor: Dr. Benjamin Jurek

Ana Karina da Silva Mendes, Section CBB | PhD topic: „Functional Analysis of DNA Demethylation During IL4/GM-CSF-driven Differentiation of Human Monocytes“, supervisor: Prof. Dr. Michael Rehli

Lisa-Marie Dürr, Section Biomed | PhD topic: „Entwicklung einer skalierbaren Wirkstoffscreening-Plattform zur Identifizierung therapeutisch einsetzbarer Modulatoren von mutantern Bestrophin-1“, supervisor: Prof. Dr. Bernhard Weber

Susanne Jacobs, Section MEE | PhD topic: „Population genetic and behavioral aspects of male mating monopolies in *Cardiocondyla venustula*“, supervisor: Prof. Dr. Jürgen Heinze

Jan-Niklas Salewski, Section Biomed | PhD topic: „Untersuchung der Expression, Wirkung und Hemmung von IL-3 mit humanen Leukozyten – Charakterisierung humanisierter IL-3 Antikörper“, supervisor: Prof. Dr. Matthias Mack

Cindy Grossmann, Section Neurobio | PhD topic: „Mating-induced central release of oxytocin: Implication for social fear extinction“, supervisor: Prof. Dr. Inga Neumann

Manjusha Gosh, Section Biomed | PhD topic: „Identification of metastasis founder cells in breast cancer by cell lineage tracing“, supervisor: Prof. Dr. Christoph Klein

RIGeL Events

Career Supporting Events

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| 28.10.2020 | Workshop Präsentationstraining , Nina Dorner (koorge Personalentwicklung & Training), 10.00 h - 17.00 h, Other Career Supporting Event, 0.3 CP |
| 29.10.2020 | Workshop Präsentationstraining , Nina Dorner (koorge Personalentwicklung & Training), 10.00 h - 17.00 h, Other Career Supporting Event, 0.3 CP |
| 04.11.2020 | Method Course RNA Lecture Series Part II : Modern methods to analyze features of ribonucleo-protein particles, Dr. Andrea Thorn (Rudolf-Virchow-Zentrum - Center for Integrative and Translational Bioimaging, Universität Würzburg), 17.00 h, Zoom |