

RIGeL Newsletter April 2021

RIGeL News

Application & Registration Deadlines

29.03.-09.04.2021 | Workshop Scientific Writing, 06.-07.05.2021 (registration period for PhD students of the *Graduate Research Academy* RNA Biology and the RIGeL Section CBB)

05.-09.04.2021 | Workshop Scientific Writing, 06.-07.05.2021 (registration period for all RIGeL PhD students)

15.04.2021 | Application Deadline - Funding of a personal student helper (Graduate Research Academy RNA Biology)

23.04.2021 | RIGeL Application Deadline

RNA Lecture Series Part III - again over Zoom

In this summer term, part III of the RNA Lecture Series „Modern methods to analyze features of ribonucleo-protein particles“ will start on April 21, 2021, 17:00 h over Zoom with the talk of Prof. Dr. Rainer Spang (Institute of Functional Genomics) on „Computational Tissue Transcriptomics“. In this part of the RNA Lecture Series, we will also have three guest lectures: Prof. Dr. Alexander Probst (Aquatic Microbial Ecology, Biofilm Centre, Universität Duisburg-Essen) will start on May 5 with „Genomes of everything for everyone? Environmental genomics coming of age“, Dr. Imre Gaspar (Institute of Molecular Biotechnology, Austrian Academy of Sciences, Vienna) will continue with „RNA localisation - concepts and methodology“ on June 2 and Dr. Daniel Schraivogel (EMBL Heidelberg) will finish with the topic of „Deep functional characterization of 1,000s of genomic loci in the blink of an eye“ on July 14. Full participation in Part III can be counted as Method Course with 0.5 CP within the RIGeL Curriculum.

New format: First Company Talk by Labor LS SE & Co. KG

Since excursions are currently not possible, the RIGeL Excursions & Trips team has organized a new format - virtual excursions or so called company talks, where leaders and members of different companies will give an insight into the structure and workflow of the companies and provide PhD students and students with useful hints for applications.

The first Company Talk will be given by Labor LS SE & Co. KG on April 28th, 2021, over Zoom (link following shortly).

People

New PhD Students

[Wouter-Michiel Vierdag, Section Biomed](#) | PhD topic: „Classification of Human Myeloid Regulatory Cell Networks by Machine Learning“, supervisor: Prof. Dr. Rainer Spang

[Alice Sanson, Section Neurobio](#) | PhD topic: „Maternal neglect in lactating rats: role of the corticotropin-releasing factor system“, supervisor: Prof. Dr. Oliver Bosch

[Abir Hussein, Section Biomed](#) | PhD topic: „Identification of PDAC associated immune regulatory genes and underlying mechanisms“, supervisor: Prof. Dr. Philipp Beckhove

[Lara Maria Jeworowski, Section Biomed](#) | PhD topic: „Generation and Characterization of Adenoviral of Human Cytomegalovirus Vaccines“, supervisor: Prof. Dr. Ralf Wagner

[Anna Huber, Section Neurobio](#) | PhD topic: „Analysis of the SPIRE1 function in fear behaviour: mitochondrial dynamics and secretory transport“, supervisor: Prof. Dr. Eugen Kerkhoff

[Tim Braun, Section Biomed](#) | PhD topic: „Examining cell competition in renal cysts and characterizing vesicular transport of polycystin-2“, supervisor: Prof. Dr. Ralph Witzgall

[Laure Gauthier-Manuel, Section CBB](#) | PhD topic: „Structural and molecular insights of the betaine/GABA transporter 1“, supervisor: Prof. Dr. Christine Ziegler

Alumni

Julia Schrankl, Section Biomed | PhD topic: „Bedeutung von Angiotensin II Typ 1-Rezeptoren in mesenchymalen Zellen für die Entwicklung und Funktion der Niere“, supervisor: Prof. Dr. Charlotte Wagner

Sven Vanselow, Section CBB | PhD topic: „Mechanism and function of Cdc123 mediated eIF2 assembly“, supervisor: Prof. Dr. Wolfgang Seufert

Robert Knüppel, Section CBB | PhD topic: „ Small changes, unexpected consequences: Molecular insights into substrate-dependent adaptation of KsgA/Dim1-dependent ribosomal RNA modifications in archaea“, supervisor: PD Dr. Sébastien Ferreira-Cerca

Johannes Graf, Section CBB | PhD topic: „ Functional characterization of the novel lncRNA LINC00941 in tissue homeostasis and disease“, supervisor: PD Dr. Markus Kretz

Franziska Wojciech, Section CBB | PhD topic: „ Eine eIF2 verursachte Störung der Translationsinitiation verändert Glukose-gesteuerte Prozesse in der Hefe *Saccharomyces cerevisiae*“, supervisor: Prof. Dr. Wolfgang Seufert

RIGeL Events

Career Supporting Events

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| 13.-14.04.2021 | Workshop Conflict Resolution , Dr. Gaby Schilling (KEPOS), 9.00 h - 17.00 h, 0.6 CPs as Other Career Supporting Event |
| 20.-22.04.2021 | SFB1350 RENPRO: Basic Nephrology Course , 9.00 h - 16.00 h, 0.9 CPs as a Method Course, registration until 12.04.2021: michaela.kritzenberger@ur.de |
| 21.04.2021 | Method Course RNA Lecture Series III : Computational Tissue Transcriptomics, Prof. Dr. Rainer Spang (Institute of Functional Genomics), 17.00 h, Zoom |
| 28.04.2021 | Company Talk: Labor LS SE & Co. KG
16.00 h, Zoom
Host: RIGeL Excursions Team |

Lectures & Talks

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| 19.04.2021 | Dr. Michaela Fuchs (Institut für Physiologie, Universität Regensburg)
Title: „Inhibition of transforming growth factor β 1 signaling in resident interstitial cells attenuates profibrotic gene expression and preserves erythropoietin production during experimental kidney fibrosis in mice“
17.15 h, Zoom (please contact Michaela Kritzenberger for the link!)
Host: SFB1350 Seminar |
| 03.05.2021 | Dr. Alexandr Ilyaskin (FAU Erlangen-Nürnberg)
Title: „Zymogen locked mutant prostaticin (Prss8) leads to incomplete proteolytic activation of the epithelial sodium channel (ENaC) and severely compromises triamterene tolerance in mice“
17.15 h, Zoom (please contact Michaela Kritzenberger for the link!)
Host: SFB1350 Seminar |