

# Newsletter | December 2021



## RIGeL News

### Application & Registration Deadlines

10.01.2022 | RIGeL Application Deadline

15.01.2022 | Application Deadline - Funding of a student helper (Graduate Research Academy RNA Biology)

### Exciting experiments of your own project aimed for a wide audience

What can I show or explain from my own PhD or research project within 2-3 hours to young people or to other interested parties outside of the field which inspires them and motivate to participate?

We are looking for interested PhD students, postdocs or professors who are motivated to perform exciting experiments or other activities from their own PhD or research project as well as from other fields of bio(techno)logy with children, young people or with other interested parties from the broad public.

The RIGeL Public Relations Group is regularly participating in different public events such as Boys' Day, Girls' Day, Nacht.Schafft. Wissen and successfully performing the one-day Student Lab in schools at least 3x per year. However, our faculty and its broad range of research offer much more potential. Therefore, we would like to "pool" our knowledge and skills in the faculty and participate in the MINT-Labs project with interesting experiments and activities.

What exactly is it about? Whether it is ants or bee research, ecology and environmental protection, or research on cocoa beans, kidney research or the current Covid-19 research, there are many exciting topics that can also be of interest to an audience outside of the field. Therefore, we want to encourage everyone to create or design short and small (approx. 2-3 hours) experiments or activities based on its own research, which can be carried out in the public laboratory of the MINT-Labs.

The MINT-Labs are a joint project of the city of Regensburg, the OTH, the UR and other companies from Regensburg and are located in the RUBINA house on the TechCampus (near OTH and TechBase). More information on the MINT house you can find on their website: [www.mint-labs-regensburg.de](http://www.mint-labs-regensburg.de). The events in the MINT-Labs are published on their homepage and the registration is also available there.

Anyone who would like to participate with a small experiment or activity in the MINT-Labs project is welcome to contact us by sending an email to [Rigel.School@ur.de](mailto:Rigel.School@ur.de). We look forward to many exciting experiments and projects!

### Evaluation of the RIGeL program

Like in the last couple of years, the RIGeL program should be evaluated again by current PhD students and Alumni. The evaluation of the RIGeL program takes place every second year. Due to the pandemic situation last year and the reduced amount of activities/offers the evaluation did not take place. We would like to make up for this now and will send the link for the evaluation to all PhD students and Alumni soon. It is worth to participate! A 50 EUR Altstadtzehner gift card will be raffled among the participants.

### Merry Christmas and nice holidays!

The RIGeL Management Office wishes you all a merry Christmas and nice holidays and a successful and healthy year 2022!

## People

### New PhD Students

Michelle Geigenfeind, Section Neurobio | PhD topic: „The role of choriocapillaris degeneration in age-related macular degeneration“, supervisor: Prof. Dr. Ernst Tamm

Mélissa Armand, Section MEE | PhD topic: „Bumblebee – plant interactions using behavioural economics plants as consumer psychologists: How plants use behavioural economics to manipulate pollinator decisions“, supervisor: PD Dr. Tomer Czaczkes

### Alumni

Lieke Sanderink, Section Biomed | PhD topic: „Characterisation of human tissue-resident T-regulatory cells in healthy tissues and in-vitro generation of tissue-like Treg cells with wound-healing capabilities“, supervisor: Prof. Dr. Markus Feuerer

Sandra Meisinger, Section Biomed | PhD topic: „Role of microRNAs in podocyte structure and function“, supervisor: Prof. Dr. Ralph Witzgall

Korbinian Bürger, Section Biomed | PhD topic: „Correlative light and electron microscopy to study ciliogenesis“, supervisor: Prof. Dr. Ralph Witzgall

Mathilde Vidal, Section MEE | PhD topic: „Surprising reproduction strategies and fitness in the monogynous ant *Cardiocondyla elegans*“, supervisor: Prof. Dr. Jürgen Heinze

## RIGeL Events

### Career Supporting Courses

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| 08.-10.12.2021 | Workshop, <b>Processing and Analysis of Scientific Images</b> , Dr. Jan Brocher (BioVoxel), 09.00-15.00 h, Zoom, Method Course, 0.6 CP |
| 08.12.2021     | Method Course, <b>RNA Lecture Series IV: Live cell imaging</b> , Prof. Dr. Frank Sprenger, 17.00 h, Zoom                               |
| 15.12.2021     | Method Course, <b>RNA Lecture Series IV: Phenotypic plasticity of single cells</b> , Prof. Dr. Christoph Klein, 17.00 h, Zoom          |

### Lectures & Talks

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| 14.12.2021 | <b>Dr. Anne Dueck</b> (TU München)<br>Title: Single cell sequencing of long non-coding RNAs in cardiac macrophages<br>17.00 h, H 38<br>Host: Prof. Dr. Gunter Meister, SFB960-/ BZR-Colloquium  |
| 14.12.2021 | Online lecture series Meet the Entrepreneur: <b>Dr. Martin Geier</b> (Biogen AG)<br>Title: Leading Mosquitoes Around by the Nose – Of Mosquitoes and Business<br>17.00 h, Zoom, registration: <a href="mailto:gruenderberatung@ur.de">gruenderberatung@ur.de</a><br>Host: FUTURstart-up |