

## The Research Training Group GRK2599 Funded by the German Research Foundation (DFG)

announces the opening of:

### 6 Fast-track Doctoral Positions for Applicants with a B.Sc. Degree

at the Friedrich-Alexander University Erlangen-Nürnberg

(Starting 26. September 2022)

#### About the program:

The Research Training Group 2599 (speaker: Prof. Dr. Hans-Martin Jäck) investigates new factors and signaling pathways that fine-tune the adaptive immune system. To achieve this goal, we have established a structured research and training program to support young scientists and medical students in immunology.

Core elements of the research training program are the Paul Ehrlich Club with guest lecture series, research-specific and interdisciplinary science-related and soft-skill workshops, internal retreats and networking meetings, public outreach, and international research stays.

We are looking for motivated candidates with a bachelor's degree in natural sciences for our Fast Track Ph.D. program in our research training group.

The Fast Track Ph.D. program consists of a 1-year qualification and a 3-year thesis phase. During the one-year qualification phase, the Fast Track candidates will participate in lectures, seminars and events of the Research Training Group and the Master's program "Integrated Immunology" (iIMMUNE) at the Friedrich-Alexander-University Erlangen-Nürnberg. They will finish the qualification phase with a three-month rotation at a research lab of choice outside of Erlangen

Detailed information about the research and training programs as well as the application procedure can be found on our homepage under <http://www.lymphozyten.de>.

#### Applicant's Profile

- **Bachelor's degree** with a major in **Natural Sciences** (e.g., biology, biochemistry, immunology, pharmacy, human biology, chemistry, or related subjects)
- An overall **B.Sc. grade of at least 2.0** (German grading system, a B equivalent in an A-D grading system)
- A Grade for the **B.Sc. thesis or an equivalent research project of 1.7** or better

#### State-of-the-art method platforms:

- Metabolome and microbiome
- Single-cell RNA sequencing
- Bioinformatics
- CRISPR technology to modify cells and mice
- Mouse disease models (infection and inflammation)
- Mouse platform to produce monoclonal antibodies
- State-of-the-art optical single-cell methods
- Antibody engineering

#### We offer:

- a structured 4 year Ph.D. program with a one-year qualification phase in immunology
- a successfully implemented qualification and support concept
- professional career coaching workshop
- a fixed-term contract according to TV-L

#### How to apply:

Are you interested? Please apply directly via [www.lymphozyten.de](http://www.lymphozyten.de). The online application starts now and will be closed after April 4, 2022. For further information, don't hesitate to get in touch with Natalie Schroeter ([natalie.schroeter@uk-erlangen.de](mailto:natalie.schroeter@uk-erlangen.de)).

We are looking forward to your application!