Leibniz Institute for Immunotherapy
Cells built to cure

The LIT - Leibniz Institute for Immunotherapy (foundation under civil law) (https://lit.eu) – is a biomedical research center focusing on translational immunology in the fields of cancer immunotherapy, transplant rejection and autoimmunity. The objective of the LIT is to develop innovative and efficient cellular immune therapeutics in these areas. Our own GMP laboratories and close networking with University and University Hospital offer excellent opportunities for clinical translation of novel immune cell products.

The **Division of Immunology** at the LIT is recruiting a

PhD position (m/f/d) - MF-2026-2

Starting as soon as possible. The position is initially limited to three years, with the possibility of extension.

About the project
The position is part of a team that studies T cells and how they influence tissue biology. Regulatory T cells (Treg cells) are a prototype subset involved in tissue biology, supporting tissue homeostasis and repair.
$CD8^+$ T cells are classically known for their cytotoxic activity against infected or malignant cells. Increasing evidence, however, indicates that they also participate in tissue repair and remodeling. Distinct $CD8^+$ T cell subsets can secrete cytokines and growth factors linked to regenerative processes.

We offer a PhD position addressing the role of CD8 T cells in tissue remodeling and repair in the context of autoimmunity and cancer.

Your tasks:

- Design and perform experiments to analyze CD8 tissue biology in disease models
- Characterize the phenotype of tissue CD8 T cells including single cell sequencing technologies
- Genetically modify CD8 T cells
- Use cellular methods (e.g., FACS) and functional assays (cytotoxicity assays, ELISA, 3D organoids, imaging, etc.) to characterize CD8 T cells
- Perform in vivo experiments
- Write/publish scientific manuscripts

Your profile:

- Master's degree in biology/molecular medicine or related fields, with a strong background in immunology
- Creative mind that is eager to shape the project and who wants to make an important impact on immunological and biomedical research
- Experimental training in molecular biology and immunology, in particular working with T cells
- Hands-on experience in multi-color flow cytometry
- Excellent oral and written communication skills in English
- Experience in mouse models (FELASA certificate) would be advantageous

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We offer:

- An international cutting-edge research environment that offers exciting and diverse opportunities
- Perspectives for further scientific qualification
- Flexible working hours
- Flat hierarchies and short decision-making processes
- A highly motivated and cooperative team
- Possibility to enroll in the RIGeL graduate school
- Company pension scheme (VBL)
- Annual special payment
- Capital-forming benefits
- Job ticket and more

The remuneration is based on TV-L (E13, 65%).

The LIT places particular emphasis on promoting a healthy work-life balance.

Disabled applicants (m/f/d) with equal qualifications will receive preferential treatment within the recruitment procedure. Please refer to your disability status already in your application.

Please note that expenses that may arise in the context of an eventual job interview cannot be reimbursed.

For more information, please contact Prof Dr. Markus Feuerer (markus.feuerer@lit.eu). We are looking forward to receiving your detailed application. Please apply via our Online - Application Portal quoting the reference **MF-2026-2.**
The application deadline is **September 06th, 2026.**

TOTAL E-QUALITY