



The LIT - Leibniz Institute for Immunotherapy (foundation under civil law) (<https://lit.eu/>) formerly RCI – 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 efficient immune therapeutic strategies in these areas. Close networking between University and University Hospital thus offers high research efficiency and an excellent research environment.

The group of **Christian Schmidl** (<https://lit.eu/our-scientists/dr-christian-schmidl/>) is looking for a highly motivated and talented Postdoctoral scientist to pursue cutting-edge research in the field of T cell therapy.

Postdoctoral fellow (m/f/d) – CS-2026-1

with proven experience in the field of human T cell immunobiology and T cell engineering.

The position is initially limited to 1 year for a maternity leave substitution beginning of June 2026.

About the project

Our group investigates the principles of gene-regulation in functional and dysfunctional immune cell populations in cancer (Riegel et al. 2023 *Molecular Cell*). In this project that is supported by the “Deutsche Krebshilfe” (“German Cancer Aid”), we aim to improve chimeric antigen receptor (CAR) T cell therapies by targeting genes and gene-regulatory processes to prevent CAR T cell dysfunction.

Your tasks include but are not limited to:

- CAR T cell design and manufacturing
- Use and further develop CRISPR (epi-)genome editing methods in CAR T cells
- Using cellular (e.g., FACS) and molecular (e.g., single cell analysis, next generation sequencing) methods to characterize cell therapy products
- Test the function of CAR T cells in vitro and in vivo murine disease models

Requirements:

We are looking for a highly motivated scientist who is enthusiastic to work in a young and ambitious team on a competitive project, and who fits the following profile:

- PhD in molecular biology/biochemistry/molecular medicine or related fields
- Extensive experimental training in molecular cell biology and immunology
- Excellent oral and written communication skills and team spirit
- Experience in genome editing, mouse models (FELASA certificate), and next generation sequencing methods advantageous but not absolutely required
- Strong interest in immunology & cancer
- Creative mind that is eager to shape the project and who wants to make an impact on biomedical research

The Schmidl lab

We offer the opportunity to work at the interface of immunology and cancer, which is one of the most exciting fields of recent biomedical research. We provide a dynamic and motivating working environment with flat hierarchies where you can foster your skills and get the opportunity to use top-notch technologies. The small lab size offers excellent mentoring and the opportunity to contribute and develop own ideas. We closely collaborate with experts in cancer immunotherapy and CAR T cells on this project to provide you with the possible support.

We offer:

- An international cutting-edge research environment that offers exciting and diverse opportunities
- Perspectives for further scientific qualification
- Possibility to visit collaborating centers
- Flexible working hours
- Flat hierarchies and short decision-making processes
- A highly motivated and cooperative team
- Job ticket
- Excellent funding situation and state-of-the-art equipment

The remuneration is based on TV-L.

The Leibniz Institute for Immunotherapy targets to increase the share of women in the workforce. Therefore, qualified female candidates are explicitly encouraged to submit their applications. Moreover, the LIT advocates for the compatibility of family and career.

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 Dr. Christian Schmidl (Christian.schmidl@ukr.de). We are looking forward to receiving your detailed application. Please apply via our [Online - Application Portal](#) the reference **CS-2026-1**.

Application **deadline is February 22th, 2026**.

