

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 **Immune Monitoring Facility** is recruiting a highly motivated

Staff Scientist (Postdoc) (m/f/d) – MX-2026-1 (full time, 40.1 hours per week)

The position is initially limited to two years with the possibility of extension.

The Immune Monitoring Facility provides various immunological analysis techniques, both cellular and molecular, for the characterization of the frequency, phenotype, and function of immune cells through all phases of a clinical study - from the initial idea to its completion. The facility has a strong translational focus on novel cell therapy studies, particularly those using CAR- and TCR-genetically modified T cells. In this context, the laboratory employs GLP/GCP-compliant procedures for sample collection, cryopreservation, and storage but also Standard Operating Procedures (SOPs) and validated analytical platforms for patient sample analysis in clinical trials. These include multi-parametric flow cytometry, functional T cell assays, cytokine release readouts, real-time qPCR, advanced single-cell genomic approaches and *in situ* single-cell protein expression analysis.

The successful candidate will contribute to the development, optimization, and standardization of these methodologies and their application for sample analysis to support ongoing and future clinical studies.

Your tasks include, but are not limited to:

- Design, perform, analyze and interpret established immunomonitoring assays on experimental and clinical samples
- Establish, optimize, standardize and validate immunomonitoring assays and workflows
- Set up and implement new technologies and assays
- Contribute to quality management, assay validation, SOPs, and accreditation-related activities and documentation
- Train and provide guidance to technicians and junior colleagues
- Collaborate with technicians, researchers and clinicians in an interdisciplinary environment
- Contribute to presentations, scientific reports, manuscript preparation and grant applications

The ideal candidate possesses:

- PhD in Immunology, Biomedical Sciences, Cell Biology, Molecular Biology or a closely related discipline.
- Strong background in Immunology and T cell biology.
- Proven hands-on experience with advanced multicolor flow cytometry, including panel design, sample preparation, manual compensation, data analysis, interpretation and visualization.
- Experience in T-cell functional assays (antigen-specific stimulation, cytotoxicity assays) and cytokine secretion analysis (ELISA).
- Advanced command of molecular biology techniques (DNA/RNA isolation, real-time qPCR)
- Strong analytical, organizational and communication skills.
- Focus on precise protocol implementation and high-quality data generation.
- High self-motivation with an intrinsic service mentality, a collaborative attitude and the drive to advance the translational pipeline of the institute.
- Excellent oral and written communication skills in English
- Interest in working in an interdisciplinary and international environment
- Experience with FACS sorting, single-cell sequencing or Immunofluorescence and familiarity with quality management systems and assay validation is an advantage.

We offer:

- An international cutting-edge research environment that offers exciting and diverse opportunities
- Flat hierarchies and short decision-making processes
- A highly motivated and cooperative team
- Flexible working hours
- Job ticket and excellent benefits
- Excellent funding situation and state-of-the-art equipment

The remuneration is based on TV-L.

The Leibniz Institute for Immunotherapy aims 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. Maria Xydia (maria.xydia@lit.eu). We are looking forward to receiving your detailed application. Please apply via our [Online - Application Portal](#) quoting the reference **MX-2026-1**.
Application **deadline** is **September the 6th, 2026**.

