

Laboratory Technician in Tumor Immunology (m/f/d)

Apply now

The Maier laboratory at CeMM, the Research Center for Molecular Medicine of the Austrian Academy of Sciences in Vienna, is recruiting a highly motivated Laboratory Technician to join an international team of scientists working in the field of tumor immunology / cancer immunotherapy.

Our team is looking for a passionate scientist to join as Laboratory Technician to support ongoing projects by performing ex vivo and in vivo experiments on mouse models of different cancers. In this position, you will become an expert in various histology techniques, as well as in mouse models of cancer. After receiving the appropriate training, you will independently carry out experiments using mouse tumor models and cell culture-based techniques. In addition, you will be a part of individual as well as group meetings to deepen your understanding of the background and current scientific directions in the field of tumor immunology and cancer immunotherapy.

Your profile

- Degree in life sciences (B.Sc., M.Sc., Mag., DI)
- Eager to join a young team and be trained in new techniques and science of tumor immunology
- Qualified laboratory experience in molecular and cellular biology and/or immunology
- Experience with histology techniques and cell culture
- Experience with basic molecular biology (e.g. cloning and PCR)
- Experience with mouse handling is a plus
- Excellent written and oral communication skills in English
- High accuracy, reliability and independence, able to work seamlessly in a team
- Excellent communication skills and organizational skills

Your tasks

- Histology techniques, such as FFPE embedding and cutting
- Mouse models of oral cancer and other cancers
- Isolation of primary immune cells from different tissues (mouse, human)
- Molecular biology, such as cloning and lentivirus production
- Organization of laboratory space, ordering of laboratory consumables

The Maier Laboratory

The Lab of Barbara Maier investigates how solid tumors evade the immune system; what local factors in the tumor microenvironment dampen the activity of immune cells; and how immune cells can be reprogrammed to

mount an efficient immune response against tumors. We combine cell-culture based high throughput technologies, mechanistic in vivo studies using mouse models, single-cell transcriptomics, and immune-profiling of patient-derived tumor material.

The Principal Investigator

Barbara Maier studied molecular biology at the University of Vienna and obtained her PhD from MedUni Vienna, working on deciphering the role of type I interferon in pulmonary inflammation under the mentorship of Professor Sylvia Knapp. She focused on bacterial infections in the lung and peritoneum and the protective or detrimental roles of inflammatory mediators therein. She then continued her training as a postdoctoral fellow in the laboratory of Professor Miriam Merad at the Icahn School of Medicine at Mount Sinai in New York (USA). There, she gained extensive knowledge of human tumor immunology and myeloid components of tumor immune suppression. In her main work, she uncovered a regulatory module expressed in dendritic cells in human non-small-cell lung cancer patients, functionally validated multiple of these regulatory molecules, and showed that modulating the regulatory program in dendritic cells leads to improved tumor control. Barbara Maier joined CeMM as a principal investigator in January 2021. Her lab focuses on tumor immunology and specifically on the dynamics of antigen-presenting cell/T-cell interactions in the tumor microenvironment and tumor-draining lymph nodes and how tumor-associated antigen-presenting cell phenotypes shape tumor-directed T-cell responses.

About the Institute

The mission of CeMM, the Research Center for Molecular Medicine of the Austrian Academy of Sciences is to achieve maximum scientific innovation in molecular medicine to improve healthcare. At CeMM, an international and creative team of scientists and medical doctors pursues free-minded basic life science research in a large and vibrant hospital environment of outstanding medical tradition and practice. CeMM's research is based on post-genomic technologies and focuses on societally important diseases, such as immune disorders and infections, cancer and metabolic disorders. CeMM operates in a unique mode of super-cooperation, connecting biology with medicine, experiments with computation, discovery with translation, and science with society and the arts. CeMM discovers and develops technologies to explore human biology with the purpose of defeating disease at its roots. Because Science is our Medicine! CeMM trains a modern blend of biomedical scientists and is located at the campus of the General Hospital and the Medical University of Vienna.

CeMM is a proud recipient of the HR Excellence in Research Award (HRS4R). This award demonstrates that CeMM cares about the well-being of its staff, that the recruitment process is open, fair, and transparent, and that CeMM provides professional appraisals and career development procedures. CeMM employs more than 300 members, including auxiliary groups, from 49 nationalities. The working language is English. The Institute promotes equal opportunities and is home to a mix of different talents, backgrounds, and competencies.

www.cemm.at

We offer

- Work within an experienced, interdisciplinary, and international team at one of Austria's leading research institutes

- Ample opportunities to contribute and gain experience in a key area of biomedical research and precision medicine
- An inspiring workplace with an international setting, strong team spirit, and an excellent work climate
- A wide range of social, cultural, and sports activities organized by the institute
- Excellent employee benefits including full insurance coverage (health, accident, retirement), health care services, subsidized cafeteria
- Minimum gross monthly salary of EUR 2.779,60 paid 14 times a year (following the [recommendations of FWF](#))
- Support for relocating to Vienna is provided (relocation reimbursement, visa support, etc.)

Application details

Please apply online (<https://cemm.onlyfy.jobs/job/q2neufyj>) with cover letter, CV and contact details of 2 referees. *Applications will be reviewed on a rolling basis. Any application received by 05 June 2025 will be considered.*

Additional information

City	Vienna
Position type	Full-time employee
Start of work	01.07.2025

Responsible

Memo Mokhles

Apply now