



Junior Group Leader Position (f/m/d)
in

AI in immunotherapy

The junior group leader position to be occupied at the earliest possible date is to be filled for an initial period of five years.

The position is affiliated with the Chair of Cellular Immunotherapy (<https://www.ukw.de/en/research-hudecek-lab/home/>) under Prof. Dr. M. Hudecek and with the Chair of Computational Biology of Spatial Biomedical Systems (<https://www.med.uni-wuerzburg.de/en/systemimmunologie/research/quantitative-single-cell-biology-of-the-immune-system-gruen-lab/>) under Prof. Dr. D. Grün, and is associated with the Center for Artificial Intelligence and Data Science (CAIDAS).

The applicant will be an expert in machine learning and artificial intelligence with background in molecular biology and immunology. Successful applicants will further have expertise in single-cell data analysis.

The candidate will collaborate with the Chair of Cellular Immunotherapy and the Chair of Computational Biology of Spatial Biomedical Systems to establish novel computational approaches leveraging advanced machine learning and artificial intelligence to optimize cellular immunotherapy to treat cancer. A particular focus will be on the optimization of CAR-T cell therapies to improve efficiency of tumor control and minimize secondary damage to organ tissues. The candidate will have the opportunity to interact with expert method developers at JMU's Center of Artificial Intelligence and Data Science (CAIDAS), the CAR-T cell therapy and clinical trial unit at the University Hospital and the National Center for Tumor Diseases (NCT).

Successful candidates require a completed university degree in a relevant subject/field, pedagogic aptitude, and a particular ability or talent for academic work, usually demonstrated by the outstanding qualification of a doctorate in the field of data sciences, natural sciences of life sciences. The position requires a strong track record of method development in machine learning, demonstrated by first author publications in high-impact peer-reviewed scientific journals. International research experience, a highly collaborative spirit and excellent communication skills are a strong plus.

The University of Würzburg strives to increase the proportion of women in research and teaching and therefore expressly requests applications from suitably qualified female scientists.

Severely handicapped applicants will be employed preferentially if their aptitude is otherwise essentially the same.

Applications are to be submitted preferably as *one* PDF file by electronic means together with a CV and a 2-page research plan to:

YOUR CONTACT

Prof. Dr. M. Hudecek: HudecekLab@ukw.de
Prof. Dr. D. Grün: dominic.gruen@uni-wuerzburg.de

before 15.05.2026

