

January 2017

PhD Position in Transplant Immunology in Freiburg/ Germany

Research description:

A PhD position is immediately available in the group of Dr. Yakup Tanriver to study mechanisms of tolerance induction in models of organ transplantation and Graft-versus-Host-Disease. The selected candidate will lead our ongoing efforts to understand the suppressive action of naturally occurring regulatory T cells and their pre-clinical assessment.

Current projects are focused on genetic modification of regulatory T cell lines (TCR or chimeric antigen receptor transduction as well as CRISPR/ CAS) and selective depletion of allospecific effector T cells in vivo.

The successful candidate will use an array of cellular and molecular approaches to evaluate immune function in mouse models and is expected to formulate, execute, and communicate research projects.

Candidate's profile:

We expect a Master in Life Sciences (e.g. Medicine, Veterinary Medicine, Biology, Biochemistry, Microbiology). The applicant should have excellent communication skills (English) and should be able to supervise Bachelor and M.D. students and perform team-oriented as well as independent work. Practical experience in molecular and cellular immunology is essential and experience in handling laboratory mice, CRISPR/ CAS and analysis of gene array data is highly advantageous.

We offer a multifaceted scientific project with excellent technical facilities, a place in a young, committed team with an established track record, as well as strong scientific collaborations. The successful candidate will be hosted at the well-equipped Institute for Medical Microbiology and Hygiene (IMMH).

Salary is paid according to German TV-L (65%, salary agreement for public service employees) and the initial contract period is 3 years with the possibility of a further extension. Further information: Dr. Yakup Tanriver | yakup.tanriver@uniklinik-freiburg.de

Complete applications in English or German should include a CV, a complete list of publications, a brief statement of research experiences and the addresses of two possible referees.

Contact:

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