



GERMAN
CANCER RESEARCH CENTER
IN THE HELMHOLTZ ASSOCIATION

Division of Immunogenetics (lab headed by Prof. Dr. med. Peter Krammer) offers a position for

Doktorarbeit / PhD thesis

Programmed cell death in immunoregulatory T cells

We are looking for an innovative and enthusiastic PhD student for a project funded by the “Hertie Stiftung” concerning the “Function of regulatory T cells in Multiple Sclerosis”. The main project goal is to understand the function of a specific subpopulation of T cells (CD4⁺CD25⁺ regulatory T cells) that have so far been shown in mouse models to prevent autoimmune diseases and to induce tolerance to grafts.

We have recently found that these cells are less suppressive in Multiple Sclerosis patients and are now further characterizing this defect. We will evaluate if regulatory T cells go into programmed cell death, by which mechanisms, and if this is altered in MS patients.

The applicant(s) (biology, medicine, pharmaceutical sciences) should have finished their studies and have a good knowledge in immunology and molecular biology and be enthusiastic about basic and applied research. This project is a joint effort between the regulatory T cells group (PD Dr. rer. nat. Elisabeth Suri-Payer) within the Laboratory for Immunogenetics (headed by Prof. Dr. med. Peter Krammer) at the DKFZ and the the Section of Molecular Neuroimmunology (Prof. Dr. med. Brigitte Wildemann), Department of Neurology, University of Heidelberg. Please mail your application inclusive CV and references to Benedikt.Fritzsching@dkfz.de and E.Suri-Payer@dkfz.de , Immunogenetik D030, DKFZ, Im Neuenheimer Feld 280, D-69120 Heidelberg.