



GERMAN
CANCER RESEARCH CENTER
IN THE HELMHOLTZ ASSOCIATION

Division of Neuroimmunology/ Neurology (lab headed by Prof. Wildemann) and Division of Immunogenetics (lab headed by Prof. Dr. med. Peter Kramer) offers a position for

Medizinische Doktorarbeit / M.D. thesis

Apoptosis (programmed cell death) in immunoregulatory T cells of Multiple Sclerosis patients

We are looking for an innovative and enthusiastic M.D. student for a project funded by the “Hertie Stiftung” concerning the “Function of regulatory T cells in Multiple Sclerosis (MS)”. 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 to suppress autoimmune diseases.

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) should be in his/ her clinical studies and have a basic knowledge in immunology and be enthusiastic about basic and applied research. One semester off studies is advantageous to learn established methods. This project is a joint effort between the regulatory T cells group within the Laboratory for Immunogenetics (headed by Prof. Dr. med. Peter Kramer) at the DKFZ and the Section of Molecular Neuroimmunology (Prof. Dr. med. Brigitte Wildemann), Department of Neurology, University of Heidelberg.

Please mail your application inclusive CV (and if available a letter of recommendation) to Benedikt.Fritzsching@dkfz.de, Immunogenetik D030, DKFZ, Im Neuenheimer Feld 280, D-69120 Heidelberg.