

ALBERT-LUDWIGS-UNIVERSITY FREIBURG
BREISACHER STR. 64
D-79106 FREIBURG i. BR.
GERMANY

DEPARTMENT OF NEUROPATHOLOGY
INSTITUTE OF PATHOLOGY

Director
Prof. Marco Prinz, M.D.

Phone: +49-761 270 - 51060
FAX: +49-761 / 270 - 5050
E-mail: marco.prinz@uniklinik-freiburg.de

22th of March, 2011

The Department of Neuropathology, University Medical Center Freiburg, invites applications for the position of a

PhD-student

in the field of **Neuroimmunology**, starting July 1st 2011.

The laboratory uses a variety of state-of-the-art techniques in genetics, immunology and behavioural sciences to uncover the communication between neurons and microglia, which is essential for maintaining homeostasis in the central nervous system (CNS) during both physiological and inflammatory conditions. For references see Mildner, *Nature Neuroscience*, 2007, 10(12):1544-53; Prinz, *Immunity*, 2008, 28(5):675-86. The planned project focuses on functional features of microglial activation and prolonged behavioral alterations in response to transient activation of the innate immune system using a broad spectrum of relevant *in vitro* and *in vivo* models, including various mouse models, immunohistochemistry, laser microdissection and micro arrays.

We seek motivated and ambitious collaborators and provide a well-equipped, interactive environment. The applicant should hold a diploma degree (master) in Biology, Immunology, Biochemistry or a related field and should have a strong interest in life-science research.

Experience in molecular biology and immunology is beneficial but not mandatory.

Applications including a CV, as well as names and contact information of 2 referees should be send to:

Dr. Thomas Blank, Dept. of Neuropathology, Neurozentrum, Breisacher Str. 64, D-79106 Freiburg, Germany or E-mail: thomas.blank@uniklinik-freiburg.de