



The University Medical Center of the Johannes Gutenberg University Mainz has more than 60 clinics, institutes and departments making it the only facility of its kind in Rhineland-Palatinate. For our more than 7800 employees, healthcare, research and teaching are intrinsically linked.

The Department of Neurology invites applications for a

## Post-doctoral position (m/f/d) Reference: 50068512

The Neuroimmunology research group at the Department of Neurology, University Medical Center of the Johannes-Gutenberg University Mainz ([www.unimedizin-mainz.de/neuroimmunology](http://www.unimedizin-mainz.de/neuroimmunology)), is offering a post-doctoral position for candidates with a PhD from an EU country and with a focus on Neuroimmunology. The Department of Neurology has excellent research facilities, and participation in our collaborative research activities (e.g., [www.sfbtr128.de](http://www.sfbtr128.de)/[www.crc1080.com](http://www.crc1080.com)) within the Focus Program for Translational Neuroscience ([www.ftn.uni-mainz.de](http://www.ftn.uni-mainz.de)); Research Center for Immunotherapy ([www.fzi.uni-mainz.de](http://www.fzi.uni-mainz.de)) and Rhine-Main Neuroscience Network ([www.rmn2.de](http://www.rmn2.de)) are strongly encouraged.

Our labs have profound expertise in immunological, molecular biological, electrophysiological and neuroimmunological methods.

### Your tasks:

The group focuses on the crosstalk of the immune and nervous systems in models of neurological diseases, including multiple sclerosis. In chronic neuroinflammation, we employ immune cell/slice co-culture systems as well as intravital imaging and optogenetic methods to investigate the impact of T cells and dendritic cells on neuronal injury, the role of ion channels, and immune regulatory processes affecting salvable brain tissue. Within the group, we are also interested in translating these findings to the human system. For current research activities, see for example: Ellwardt et al. (2018) **Nat Neuroscience**; Vogelaar et al. (2018) **Science Transl Med**; Larochelle et al. (2016) **Trends Neurosci**; Ellwardt et al. (2016) **Trends Immunol**; Liblau et al. (2013) **Trends Neurosci**; Bittner et al. (2013) **Nat Med**; Siffrin et al. (2010) **Immunity**.

### Your profile:

- highly motivated Post-Doc with willingness to also take on organizational responsibilities
- previous experience in neuroimmunological methods, mouse immunology research, or imaging techniques would be beneficial; as would the ability to contribute new technological expertise to the group
- proficient in English and excellent communication skills

### We offer:

- excellent research facilities
- competitive salary (E13) and health care benefits according to the company-based tariff agreement
- a vacancy up to max. 4 years depending on the qualification in the context of habilitation
- child care (conditional on places available)
- job ticket for public transport

For further information, please contact R. Gilchrist, phone +49 6131 17-2224, [rosalind.gilchrist@unimedizin-mainz.de](mailto:rosalind.gilchrist@unimedizin-mainz.de)

Please submit your application including cover letter, CV, list of publications and a statement of research interests ideally as a single PDF file to [karriere@unimedizin-mainz.de](mailto:karriere@unimedizin-mainz.de) or upload your application on our homepage [www.unimedizin-mainz.de](http://www.unimedizin-mainz.de).

**Closing date: November 24, 2019**

The University Medical Center is an equal opportunity employer.

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