



**MEDIZINISCHE  
FAKULTÄT**

The Institute of Physiology (Director: Prof. Dr. V. Lessmann) of the Medical Faculty of the Otto-von-Guericke University Magdeburg offers a

### **W2-Professorship for Neurophysiology and Optogenetics**

The successful candidate shall further strengthen the research area “Molecular and Cellular Mechanisms of Synaptic Plasticity” of the Institute of Physiology and should have an excellent record in optogenetic regulation of neuronal circuits.

We are seeking an internationally recognized scientist (MD, PhD) who is able to support the University research focus „Neurosciences“ with an excellent track record and an internationally competitive research programme.

The research focus “Neurosciences” (represented by the Center for Behavioral Brain Sciences, CBBS) of the Otto-von-Guericke-University coordinates several successful joint projects and strongly collaborates with the Leibniz Institute for Neurobiology (LIN) and the German Center for Neurodegenerative Diseases (DZNE, site Magdeburg). The successful candidate is expected to crucially contribute to ongoing and currently planned joint research consortia in the field of Neuroscience (DFG Collaborative Research Center CRC1436 and Graduate school GRK2413) and Immunology/Molecular Medicine of Inflammation (DFG CRC 854, GRK 2408). Moreover, the candidate should have a strong interest in research on neuroinflammatory and neurodegenerative disease mouse models.

High expertise and an innovative methods spectrum in the areas optogenetics, live-cell imaging, and electrophysiology (*in vivo* and *ex vivo*), are required.

The duties of the professorship include an active participation in the teaching responsibilities of the Institute of Physiology in the study courses of “Medicine”. Additional teaching in the Master Programs “Integrative Neurosciences” “Immunology” is possible. A strong commitment to innovative teaching formats is highly valued.

Prerequisite for employment is the „Habilitation“ or equivalent achievements in Biosciences or Medicine.

The Otto-von-Guericke-University is an equal opportunity employer and highly committed to increasing the number of female faculty members. Therefore, we strongly encourage applications from female scientists.

Disabled candidates with essentially equal qualifications and professional achievements will be given preference.

Applications comprising a curriculum vitae, documentation of the scientific career, a short research profile/research plan, structured list of publications, list of teaching experience, certified copies of essential certificates and documents, selected reprints of original papers, a record of research funds and the filled Faculty’s application form (<http://www.med.uni-magdeburg.de/Zentrale+Einrichtungen/Dekanat/Informationen+zu+Berufungsverfahren/Informationen+%C3%BCr+Bewerber%2Ainnen.html>) should be sent within 6 weeks after the publication of this advertisement to:

Dean of the Medical Faculty  
Otto-von-Guericke-University Magdeburg  
Prof. Dr. Daniela Dieterich  
Leipziger Str. 44, 39120 Magdeburg, Germany