

Research Technician with focus on Structure and Function of Synapses – Jonas group

- Part Time (25 h/w)
- Klosterneuburg near Vienna, Austria
- € 41,960* gross/year (on basis full time); position initially limited to three years (extension up to five years and/or transition to a full time position possible)

Your Responsibilities

The research team of Professor Dr. Peter Jonas expertizes in the field of cellular neuroscience. The group has two major research questions. First, we want to examine the mechanisms of synaptic transmission and plasticity at cortical synapses. Second, we want to analyze how synaptic properties shape higher-order computations and information storage in the brain. To address these questions, we use cutting-edge techniques, such as multiple-cell recording, subcellular patch-clamp techniques, Ca²⁺ imaging, cutting-edge light and electron microscopy, molecular biology, and computational modeling. Funded by an ERC Advanced Grant, we are looking for a Research Technician to support the group in these ambitious research projects with the following tasks:

- Support of the group in electrophysiology experiments, for example with preparation of brain slices, experimental solutions, staining of neurons, and cell identification by immunolabeling

- Support of scientists in imaging experiments, such as confocal, two-photon, and super-resolution microscopy
- Support of scientists in electron microscopy work, including high-pressure freezing and electron tomography
- General laboratory support and organization
- Mediating interactions with our Scientific Service Units (e.g., Lab Support Facility, Imaging and Optics Facility, Electron Microscopy Facility, Virus Services)
- Being part of an interactive group of students, postdocs, and technicians with diverse backgrounds

Your Profile

- Training or degree in Life Sciences, or related fields
- Previous experience in at least one of the above techniques
- Work experience in a scientific environment is advantageous
- Excellent verbal and written communication skills in English
- Interest in interdisciplinary methods development
- Team player with excellent communication skills
- Strong organizational skills, reliability, and a sense for responsibility
- Proactive personality with a solution-oriented approach
- Applications should include a letter of motivation, a CV, and contact information for at least two referees

Your Profile

- Higher education in computer science, information technology, business management, or related field (or equivalent experience)
- Strong knowledge of the system architectures, APIs, databases, and general technical concepts relevant to our applications

- Prior experience in a technical role (e.g. Developer, Technical Analyst, or QA Lead)
- Excellent working experience in Agile development and Scrum methodology
- Scrum certification (Certified Scrum Master or Professional Scrum Master)
- Good knowledge of project management methods and tools as well as business process design
- Strong communication skills and ability to communicate technical information clearly to non-technical stakeholders
- High degree of focus and accuracy, also when working on multiple tasks simultaneously
- Working language is English, good working knowledge in German is an advantage

Your Benefits

- Education & training
- Multiple health offers
- Free shuttle bus
- Pension insurance
- Childcare
- Cafeteria

Please apply via [our job portal](#).

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