

## **Postdoc in neural development & stem cell biology**

- full-time or part-time
- temporary (2 years with opportunity for extension)
- location: Salzburg

The Paracelsus Medical University (PMU) is a private university in Salzburg, Austria, with a secondary site in Nuremberg, Germany, offering education and research in human medicine, nursing sciences, and pharmacy. The Institute of Anatomy and Cell Biology contributes to biomedical research in various fields including neurobiology, musculoskeletal and clinical anatomy. For our stem cell research group (Pruszek lab) we are recruiting a

## **Postdoc in neural development & stem cell biology**

full-time (40 hrs/week) or part-time, starting as early as April 2023, initially for two years with the possibility for extension.

### **Your role**

Utilizing human pluripotent stem cells (embryonic and induced pluripotent stem cells) as the main model system, you will elucidate mechanisms of cell-cell communication that govern growth and differentiation in the context of neural development. Specifically, you will focus on the role of surface molecule-mediated cell interactions in the regulation of downstream signaling cascades and in vitro models of neural disease. The successful applicant will have a proven aptitude to work efficiently independently but also cooperatively in an international team while contributing to joint projects and collaborations.

### **Your profile**

We are looking for motivated team players with a strong interest in developmental biology, cell biology and/or regenerative medicine. Applicants should hold a doctorate in biology, biochemistry or a related subject. Candidates must have strong expertise and publication record in molecular biology, cell biology/biochemistry as well as good knowledge of English. Prior experience with stem cell culture, organoids and/or computational biology is beneficial but not required. Preference will be given to experienced researchers who have a clear passion for science as well as for sharing their expertise with more junior scientists including doctoral, master's and medical students.

### **We offer**

- Opportunity for up-to-date research contributions and manuscript output
- Methodological as well as conceptual training and career mentoring towards successful career progression in academia or industry
- Participation in a dynamic team with a collegial and pleasant working atmosphere
- International network and research collaborations
- Use of the sports facilities of the University Sports Institute (USI) Salzburg
- Excellent public accessibility (train, bus)
- Canteen within walking distance from the campus
- Remuneration corresponding to personnel rates of the Austrian Science Fund (FWF), with a gross annual salary of € 56,861 (for full-time position)

### **Application information**

Applications to be considered should include a CV with a specific letter of motivation, statement of research experience & interests and the contact details of three references, as well as potential sources of external funding. Please submit your application electronically as a single pdf-file by February 28, 2023 email to Univ.-Prof. Dr. med. Jan Pruszek: [jan.pruszek@pmu.ac.at](mailto:jan.pruszek@pmu.ac.at) Pruszek lab, Institute of Anatomy and Cell Biology, Paracelsus Medical University (PMU), 5020 Salzburg, Austria. <https://pruszek-lab.pmu.ac.at/>.

*Please note that due to organizational reasons, we cannot return your application documents; these will be deleted on completion of the process. The Paracelsus Medical University cannot reimburse any expenses related to the recruiting/application process, including travel.*