

At the **Center for Regenerative Therapies Dresden - Cluster of Excellence (CRTD)**, an institute of the Center for Molecular and Cellular Bioengineering, the **Junior Research Group „Neuronal Cell Types and Circuit Engineering“** is looking for a

Research Associate/Postdoc Position

(Subject to personal qualification employees are remunerated according to salary group E 13 TV-L)

with **neuroscience** background skilled in electrophysiology (patch-clamp recordings and microelectrode arrays) to study human induced pluripotent stem-cell-derived neurons. The ERC-funded position ideally starts **as soon as possible**, latest at 1 January 2018 and is a 2 years appointment with the option to be extended. The period of employment is governed by the Fixed Term Research Contracts Act (Wissenschaftszeitvertragsgesetz - WissZeitVG). Balancing family and career is an important issue. The post is basically suitable for candidates seeking part-time employment. The position offers the chance to obtain further academic qualification (e.g. habilitation thesis).

Tasks: Ideally, the candidate will conduct and guide electrophysiological experiments to characterize neuronal subtypes and study connectivity as well as participate in our interdisciplinary approach covering stem cell research, rapid neuronal differentiation, neuronal disease modeling and homing human neuronal circuits *in vitro*.

Requirements: A suitable candidate must hold a university and a PhD degree and must be an expert in electrophysiology, have extensive hands-on experience with patch-clamp recordings and a background in neuroscience. Additional experience with microelectrode array recordings and optogenetics is welcomed. The candidate should have a good overview of the corresponding literature and be interested in an interdisciplinary and interactive work environment in the area of stem cell research, directed neuronal differentiation and functional recordings. Communication in English is essential since we offer an international working atmosphere at the CRTD and are participating in international projects.

Further information about the Busskamp junior research group and the CRTD is available under: <http://www.crt-dresden.de/research/crt-d-core-groups/busskamp.html> and <http://www.crt-dresden.de/home.html>.

Applications from women are particularly welcome. The same applies to people with disabilities.

If you are interested and fulfill the requirements, please submit your application by the **13.10.2017** (stamped arrival date applies) as a single PDF file to Ms. Eike Lau eike.lau@tu-dresden.de (Please note: We are currently not able to receive electronically signed and encrypted data.) or alternatively by post to: **TU Dresden, CRTD, Ms. Eike Lau, Fetscherstrasse 105, 01307 Dresden, Germany**. Your application should include: your CV, motivation letter, your transcripts and recommendation letters. Please submit copies only, as your application will not be returned to you. Expenses incurred in attending interviews cannot be reimbursed.