

LUDWIG
BOLTZMANN
INSTITUTE
Rare and Undiagnosed Diseases

The Nagy Lab at LBI-RUD, the Ludwig Boltzmann Institute for Rare and Undiagnosed Diseases in Vienna, seeks to fill the open full-time position of a

TECHNICAL ASSISTANT (#TA 2021)

LBI-RUD, a young and innovative institute pursuing basic and translational research on rare genetic diseases, is looking for a **highly motivated and team oriented individual** to participate in an exciting project within the molecular neurobiology group of Dr. Vanja Nagy:

The group focus:

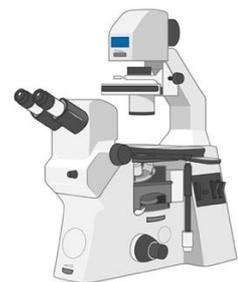
Our group focuses on identifying and characterizing rare diseases affecting the function of peripheral and central nervous systems in human and mouse primary cells as well as various genetic mouse models (Nagy, V. et al., *NeuroGenet* 2019, Kokotović, T. et al., *FrontMolNeurosci* 2021). Our long-term goal is to better define genetic causation and progression of neurodevelopmental disorders by employing the power of genetic and pharmacologic manipulation in various cellular models. Our studies utilize a wide variety of next-generation sequencing technologies, patient-derived stem cells, microscopic imaging tools, biochemical, cellular, and molecular techniques.

Job Description and responsibilities include:

The overall aim of the project is to model rare neurodevelopmental disorders using advanced human stem cell technologies.

Specific tasks:

- Maintenance of human ES and iPS cells
- Differentiation of stem cells into different neuronal cell types
- Biochemistry (FACS, SDS-PAGE Western blotting)
- Molecular biology techniques (PCR, Cloning & CRISPR/Cas9)
- Histology and immunofluorescent microscopy
- Documentation, interpretation and reporting of experiments and results



Requirements and desired qualifications:

- Bachelor's degree in Life Sciences or a TA/MTA diploma
- Proficient in sterile cell culture techniques and experience in handling human embryonic/pluripotent stem cells is highly desirable
- Experience in molecular biological and/or cellular techniques

- Precise and detail-oriented working style and the ability to work on multiple projects simultaneously
- Team and goal-orientated personality
- Very good command of the English language both written and verbal

We offer:

- A challenging position in a meaningful, inspiring, productive, friendly, and international setting
- Training in various techniques, opportunity to attend meetings, seminars, symposia, and workshops as well as opportunity to present your own work at various venues
- An excellent work climate and the possibility to join our social (cultural or sports) activities

The Institute

Our lab as part of the Ludwig Boltzmann Institute for Rare and Undiagnosed Diseases (LBI-RUD) is strategically situated in the Neurology Department of the Vienna General Hospital (Allgemeines Krankenhaus der Stadt Wien), one of Europe's largest university hospitals in the heart of the city. We have access to state-of-the art technology platforms, close collaborations with geneticists and clinicians as well as basic researchers, particularly in our renowned partner institutions, namely the CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences, the Medical University of Vienna (MedUni Vienna), and the St. Anna Children's Cancer Research Institute (CCRI). We are committed to creating a diverse environment. All qualified applicants will receive consideration for employment without regard to race, color, religion, gender, gender identity or expression, sexual orientation, national origin, genetics, disability, and age. For more information visit: <https://www.vanjanagylab.com/>

Applicants should please submit: A cover letter (describing your career goals and explaining why you are the ideal candidate for this position), a curriculum vitae and names and contact details of 2-3 referees, as a single PDF file to: application@rud.lbg.ac.at using the reference code **#TA2021**. **We are looking for someone to start immediately. Position will remain open until filled.**