

The Helmholtz Zentrum München in Munich, Germany, is member of one of the leading research associations in Europe - the Helmholtz Association of German Research Centers. The aim of our research is to proactively detect health risks involving humans and the environment, decoding the mechanisms of pathogenesis and developing concepts for prevention and therapy.

For the establishment of the planned institute "Translational Stem Cell Research" at the Helmholtz Zentrum München headed by Professor Henrik Semb we are looking for two positions. The main objective of the Institute is to develop new stem cell-based cell therapy in type-1 diabetes (T1D).

At the next possible time the IDR is looking for two

## **Technical Assistants/Laboratory Technicians** **(f/m)2018/0271**

### **Job Description**

The Technical Assistant will be responsible for the maintenance and differentiation of human pluripotent stem cells (hPSC). The work will include maintenance of line batches, differentiation, transfection of hPSCs and basic characterization of hPSCs (undifferentiated and differentiated) by immunohistochemistry, qPCR and FACS. The Technical Assistant will secure the quality and reproducibility of the hPSCs to be used by scientists in the group. The candidate will also be involved in establishing a robust, GMP-compliant manufacturing protocol (Ameri et al. 2017) for a 1st generation hPSC-derived Advanced Therapy Medicinal Product (ATMP) for a future Phase 1/2 clinical trial in type-1 diabetes patients. The experimental work will be carried out at the new Helmholtz Diabetes Center (HDC), Munich, whereas all GMP work will be carried out in a GMP-certified lab in Munich. Finally, there will be some administrative responsibilities, including ordering and invoice handling together with documentation associated with GMP work.

### **Our Offer**

At the Helmholtz Zentrum München, you can contribute together with leading researchers to the investigation of the development, prevention and treatment of environmental diseases such as diabetes, chronic lung diseases and allergies. In order to further promote your professional development, we offer extensive and targeted research training and career programmes. We support the reconciliation between work and private life with flexible working time models, occupational health management, day care facility for children, a childcare subsidy, Elder Care, as well as other counseling and support services.

Remuneration and benefits are in accordance with the collective agreement for the public service (TV EntgO Bund).

The position is (initially) limited to two years.

As a holder of the Total E-Quality Award, we promote equality of opportunity. Applications from women are welcome. Qualified applicants with

## Your Qualifications

Education as a laboratory technician (BTA, MTA, TA) or an equivalent degree is required. Solid and documented work experience from high quality academic and/or industrial laboratories is required. Highly motivated and ambitious candidates with solid experience with cell culture, including transfection (traditional and virus-based methods) and gene expression analysis are encouraged to apply. One of the two positions requires experience in cell culture under GMP conditions. Experience with hPSCs, molecular biology and immunohistochemistry is required. Knowledge of cell biology, developmental biology and morphology is an advantage. The work demands flexibility and accuracy, a collaborative spirit and ability to work in a highly international and interdisciplinary team. Therefore, excellent command in written and spoken English and German is a must.

physical disabilities will be given preference.

We are looking forward to receiving your comprehensive online application.

[Apply now](#)

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The award highlights  
our commitment of  
gender equality.

[www.helmholtz-muenchen.de/en](http://www.helmholtz-muenchen.de/en)

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