



The **Max Planck Institute of Molecular Cell Biology and Genetics in Dresden**, Germany, is an international research institute focused on cell and developmental biology. Currently about 500 employees are working at the institute, where half are from abroad with 53 nations represented. MPI-CBG has twice been awarded the title “Best Place to Work” (Academia and postdocs) by the journal “The Scientist”.

The group of Dr. Meritxell Huch is looking for a
Technical Assistant (BTA/MTA/CTA or equivalent) (m/f/d)
for molecular biology and advanced cell culture work.

Dr. Meritxell Huch's research group is dedicated to gaining a mechanistic understanding of the principles governing the proliferation and differentiation of adult organs and tissues. They achieve this through the utilization of both organoid and animal models with the ultimate goal of comprehending organogenesis. Dr. Huch is a pioneer in the development of organoid models for non-intestinal tissues, having published seminal papers on stomach, liver, and pancreas organoids. The research team is highly interdisciplinary, international, and collaborative, with English serving as the primary working language in the Huch lab and the institute.

Job description

We are currently seeking a technician to join our collaborative project with Prof. Daniel Stange's research group at Technische Universität Dresden. In this role, you will closely collaborate with researchers from both teams.

Your responsibilities will include:

- Collection and preparation of primary and metastatic tissue from the gastrointestinal tract and liver
- Conduct liver perfusion procedures
- Generate organoids from these tissues, assisting in their expansion, and maintaining a biobank.
- Perform standard molecular and cell biology techniques, such as qPCR, next-generation sequencing, immunohistochemistry (IHC), and immunofluorescence (IF), to characterize the organoids
- Mouse work and handling
- Liaise with surgery, pathology and molecular laboratories
- Maintain the laboratory database of human tissue and organoid tissues

As a technician, you will not only contribute to experiments but also handle various organizational and maintenance tasks within the groups. Furthermore, you will play a key role in coordinating patient follow-up.

Your qualifications

- Training as a technical assistant (MTA/BTA/CTA) or equivalent qualification.
- Strong command of molecular and cellular biology techniques.
- Self-motivated and enthusiastic disposition.
- Strong organizational skills, demonstrating flexibility and reliability.
- Proven ability to work effectively in a team.
- Proficiency in both German and English languages.
- Experience in isolating, cultivating, and manipulating cell lines, primary cells, and organoids is advantageous.

- Proven ability to document and keep databases up to date is highly advantageous
- Familiarity with laboratory animal handling is advantageous

Our offer

The full- or part-time position (min. 30 hours/week) is available immediately for an initial period of 2 years with the possibility of extension. Salary and social benefits will be in accordance with the regulations of the German TVöD Bund (salary agreement for public service employees). The MPI-CBG offers a JobTicket in collaboration with the VVO, as well as a broad network for career development and training opportunities through the Max Planck Society.

For further details on the open position please contact Dr. Lisa Johnsen via email johnsen@mpi-cbg.de or telephone +49 (0)351 210 2136.

Please send a one-page motivation letter, your CV, and a transcript of records **by 16 August 2024** via our online application system stating Code **2024-Technician-MolecularBiology-1110** <https://recruitingapp-2443.umantis.com/Vacancies/578/Application/CheckLogin/2?lang=eng>. Applications will be assessed on a rolling basis.

Max Planck Institute of Molecular Cell Biology and Genetics

Pfotenhauerstr. 108
01307 Dresden, Germany
www.mpi-cbg.de

- *The Max Planck Society strives for gender equality and diversity. We welcome applications from all backgrounds, regardless of gender, nationality, ethnicity, sexual orientation, religion, age, and other components of identity.*
- *The Max Planck Society specifically aims to increase the proportion of women in the areas in which they are underrepresented. We therefore explicitly invite women to apply.*
- *The Max Planck Society is further committed to increasing the number of individuals with disabilities in its workforce and therefore encourages applications from such qualified individuals.*
- *The Max Planck Society supports the compatibility of family and career and is certified according to the "berufundfamilie" ("job and family") audit.*
- *When you submit a job application to MPI-CBG, you are transmitting personal data. Please refer to our [privacy notice](#) for information on how we collect and process personal data in accordance with Art. 13 of the Datenschutz-Grundverordnung. By submitting your application you confirm that you have taken note of the information in our privacy notice.*