The Max-Planck Institute for Brain Research in Frankfurt am Main, Germany, is a vibrant and international institution for basic research in Neuroscience (www.brain.mpg.de). In our new state-of-the-art building, researchers from many different backgrounds (e.g., molecular biology, genetics, electrophysiology, imaging, behavior, physics, computer science and mathematics) collaborate in an interactive and integrative environment to investigate the structure and function of neuronal networks. We are seeking to hire a

**Technician** (BTA/CTA/MTA, MSci/BSc or equivalent qualification, full-time, initially for two years)

for the next-generation sequencing (NGS) team in the Departments of Erin Schuman and Gilles Laurent to support the operation, organization and analysis of genomics and transcriptomics experiments.

Responsibilities include:

- experimental handling of samples submitted for processing (quality control of the incoming samples, complete preparation of sequencing libraries for various applications etc.),
- optimization and consulting on NGS protocols, operation and scheduling of NGS sequencer,
- management of the inventory of components required for individual steps of the NGS workflow,
- documentation of provided samples, prepared libraries and quality control of sequenced data,
- organizational and technical assistance within the lab, as well as frequent interaction with research teams to communicate the NGS technique principles, troubleshoot and to report on the outcome,
- oversight of qPCR and Nanostring instruments and guidance on qPCR and Nanostring applications,
- active participation in training courses and primary analysis of sequencing data also possible, depending upon computational skills of the selected candidate.

The ideal candidate has completed vocational training as technician (BTA/CTA/MTA or equivalent), or holds a relevant university degree (MSc, BSc). Extensive prior experience in molecular biology or genomics and practical knowledge of instrumentation and its operation are essential. Awareness and experience with massively parallel sequencing technology is desirable. Expertise with Windows OS is necessary and basic skills with the LINUX/UNIX operating system as well as familiarity with processing of large-scale genomics datasets will be considered an advantage. The post holder should be able to enjoy working in a service team in a highly collaborative environment. Strong organizational, problem solving, and communication skills along with the ability to interact with research teams in English and to work in an international team are essential.

We offer a versatile and interesting position in a vibrant, stimulating and international environment in one of the top centers for neuroscience research in Europe. Payment follows the German Collective Wage Agreement for Government Service Workers (TVöD-BUND) depending on qualifications and professional experience. Fringe benefits are in accordance with public service provisions.

The Max Planck Society is an equal opportunity employer and is striving to increase the proportion of women in areas where they are under-represented. It therefore expressly encourages female applicants. The Max Planck Society is striving to employ more individuals with disabilities. It therefore expressly encourages applicants with disabilities.

Please send your application (electronically as a single pdf document) including a letter of motivation explaining how your qualifications and experience make you a good candidate for this job, together with a full CV and contact information for 2 references latest until 4th November 2016 to HR@brain.mpg.