The Netherlands Institute for Neuroscience (NIN), an institute of the Royal Netherlands Academy of Arts and Sciences, is carrying out fundamental and strategic brain research. The Netherlands Brain Bank (NBB) is a department of the NIN and collects brain tissue of brain donors that registered during life. Brain donors and tissue are well characterized and disseminated open access to researchers worldwide. Recently the NBB started “The Netherlands Neurogenetics Database” (NND) project in which clinical, pathological and genetic donor data are prepared for analysis to determine polygenic risk scores for brain diseases and facilitate donor selection for research. The Neuroimmunology Research (IMM) group in the NIN, led by Prof. Inge Huitinga, studies the innate and adaptive immune responses in multiple sclerosis (MS) and psychiatric diseases using post-mortem human brain tissue provided by the NBB. For technical assistance for both the NND project and the IMM group we have a vacancy for a:

**Research technician (m/f)**

**0.8 fte**

The tasks overall concern the assistance of the analysis of post-mortem human brain tissue in all aspects:

- Gene expression analysis (qPCR, RNAseq)
- DNA isolation for GWAS and whole genome sequencing
- Immunohistochemistry on human post-mortem brain tissue
- Different microscopic techniques (light microscope, CLSM, STED)
- Isolation, in vitro culture and experimental analysis of primary human glia cells
- Isolation and analysis of primary cells and nuclei from frozen tissue

**Qualifications**

- Strong interest in human brain research
- Knowledge of and experience with immunohistochemistry, microscopy (light, fluorescence, STED) and molecular techniques such as RNA and DNA isolation, qPCR and RNA scope
• Team player
• Highly accurate

Further particulars
• Contract of employment of 2 years

Salary
Depending on education and relevant work experience, the gross monthly salary based on full-time employment varies between € 2.067 and € 2.791 gross per month (salary scale 7, 1.0 fte), in accordance with the Collective Labour Agreement for Dutch Universities (CAO NU), excluding 8% holiday allowance and 8.3% end-of-year bonus. There are excellent fringe benefits.

Location: Amsterdam, the Netherlands

Information
For additional information please contact Prof. Inge Huitinga, leader of the IMM group (31 20 566 5521, i.Huitinga@nin.knaw.nl).

Application and deadline
Applicants are requested to write a letter in which they motivate their application, accompanied by a curriculum vitae and one or two references. Applications should be sent before August 1st, 2020, to the Netherlands Institute for Neuroscience, attn. of Prof.dr. I Huitinga (i.huitinga@nin.knaw.nl), with reference “vacancy research technician NDD/IMM”. Evaluation of candidates will begin immediately and will continue until the vacancy is filled.

More information on the NBB and IMM group can be found on www.herseninstituut.nl

Any other correspondence in response to this advertisement will not be dealt with