Biomedical Primate Research Centre

The BPRC is a biomedical research institute that contributes to the development of medicines and vaccines, but also aims to refine animal models and to explore alternative techniques to minimize in vivo research with animals.

We are looking for a

PhD Student

You will be joining the new Platform of **Advanced In vitro Model Systems** (AIMS), which has ambition to generate new and expand on the existing *in vitro* disease models. The platform offers a dynamic and stimulating work environment.

The project:

The project will focus on the role of extracellular vesicles in the pathology and treatment of Sars-CoV2-induced neurodegeneration with the focus on Parkinson disease pathophysiology. You will be instrumental in advancing our *in vitro* disease model portfolio using iPSC technology. You will be working with a variety of techniques including: co-culture, Western blotting, flow cytometry, confocal microscopy, differential centrifugation and sucrose gradient, nanoparticle tracking analysis, cutting edge cloning techniques, lentiviral transductions, making transgenic cell lines and Crispr-Cas9 technology.

What we have to offer

A fully funded 4 year PhD position in a challenging environment with a diversity of great colleagues.

Your profile

We are seeking an outstanding and highly motivated candidate with the following profile:

- MSc or similar training completed;
- Experience with molecular, cell biology techniques and tissue culture is required;
- Previous training with iPSC culture is considered a plus;
- Good verbal & written communication skills in English.
- Analytical and creative mindset and skill to solve problems;
- Ability to work impartially, individually, and proactively;
- Communicator and team player;
- Positive attitude towards the research conducted in the institute.

Do you want to apply?

Please send one PDF document containing a cover letter with your motivations, a very concise summary of previous research activities, the curriculum vitae and the contact details for 2 referees to personeelszaken@bprc.nl.

Further information

For questions about the position, please send an e-mail to Dr. Magdalena Lorenowicz, e-mail address: lorenowicz@bprc.nl.