

Hosting offer MSCA Postdoctoral Fellowship in peripheral nerve and muscle disease

The Peripheral Neuropathy and Translational Neurosciences groups of the μ NEURO Research Centre of Excellence (University of Antwerp, Belgium) welcome expressions of interest from postdoctoral researchers with a strong scientific track record to jointly prepare a high-quality proposal for an MSCA Postdoctoral Fellowship 2022 in the field of neuromuscular disease and peripheral nerve degeneration.

About us and MSCA Postdoctoral Fellowships

The [Peripheral Neuropathy group](#) of [Prof. Vincent Timmerman](#) focusses on unravelling the **disease mechanisms of hereditary neuropathies** via molecular and cellular biology tools, making use of gene silencing and editing in 2D & 3D cell models. The Translational Neurosciences group of [Prof. Jonathan Baets](#) is focussing on the **clinical and molecular genetics of neuropathies and neuromuscular diseases**. Both teams are **world-leading experts** in the genetics and biology of Charcot-Marie-Tooth neuropathies, hereditary ataxia's, spastic paraplegia's and related nerve and muscle diseases. The groups are part of the [μNEURO Research Centre of Excellence](#), an interdisciplinary consortium that strives to conduct **interdisciplinary, top-level translational neuroscience research** on a cell-to-organism wide scale.

For the Horizon Europe [MSCA Postdoctoral Fellowships](#) call (MSCA PF), we are looking for a candidate interested in performing research with **patient-derived induced pluripotent stem cells** that we differentiate towards neuronal and muscle cells. The candidate will apply mutagenesis or gene editing to **study molecular mechanisms of neuromuscular and neurodegenerative disease**. This is complemented with expertise in bio-informatics, genetics, and disease modelling in 2D & 3D cell systems. Selected candidates will be supported in the preparation of an MSCA PF application with the University of Antwerp as host institution (deadline **14th of September 2022**).

Your Profile

We are looking for a candidate that meets the following MSCA criteria:

- You have expertise and a PhD degree in molecular and cellular neuroscience, or a related discipline.
- You have an excellent track record with several high-quality and impactful publications.
- You have no more than 8 years of research experience after obtaining your PhD (excluding career breaks).
- You did not reside or work in Belgium for more than 12 months during the 36 months before the call deadline.

How to apply?

You can submit your expression of interest via e-mail to Liesbeth.Vanherp@uantwerpen.be with subject line "μNEURO MSCA PF – PN". The **deadline for expressions of interest is the 31st of May 2022**. Your application must include of a pdf file with the following documents:

- A one-page motivation letter.
- Your academic CV, including a complete list of your publications.

More information about our offer and the application procedure is available via [EURAXESS](#).