A master position is available starting from now in the research group of Romana Höftberger and Inga Koneczny at the Institute of Neurology of the Medical University of Vienna.

**The project**

IgLON5 is a cell adhesion molecule with many important cellular functions. Patients with IgLON5 autoantibodies have a very severe autoimmune disease with both neurodegeneration and neuroinflammation, and suffer from severe sleep disturbances, gait abnormalities and other symptoms.

We want to study the effect of the autoantibodies on muscle cells morphology, adhesion, differentiation and function.

**Methods**

- Isolation of primary muscle cells
- Cell-based assays
- Fluorescence microscopy
- PCR, qPCR
- Western blot

**Keywords**

- Human translational medicine
- Neuroimmunology
- Autoimmunity
- Neurodegeneration
- Cytoskeleton

**Neuroimmunology research group**

Prof. Dr. Romana Höftberger + Dr. Inga Koneczny

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If you are an enthusiastic life sciences master student who wants to work on this human translational medicine project and make a difference for severely affected patients, send an email with your CV and brief cover letter to: inga.koneczny@meduniwien.ac.at