MASTERS PROJECT WITHIN PARKINSON'S DISEASE RESEARCH

At the Research Laboratory for Stereology and Neuroscience, Bispebjerg Hospital, we have an opening for a master student, starting in 2022. The project is in collaboration with University College Copenhagen (KP).

The project is centered on Investigating in human brain tissue and in models of Parkinson’s Disease the expression and function of DNAJB6, a chaperone protein involved in preventing aggregation of α-synuclein (α-syn), the major constituent of the Lewy Bodies.

The student will work with immunohistochemistry on clinical tissue as well as cell culture and use a variety of molecular biology techniques in the lab. Examples of such techniques are Crispr/Cas9, PCR, transfection, cloning, fluorescence microscopy, FRET, western blotting and many more.

We are looking for:

A highly motivated student who likes to work independently and at the same time is convinced that the best results are achieved by being part of a team. It is our aim that this project results in at least one publication where you will be either first- or co-author. Results will be presented at international conferences.

Are you interested, please send your CV to Christian Hansen, PhD, (crha@kp.dk) or Tomasz Brudek (Tomasz.brudek@regioh.dk).

The Research Laboratory for Stereology and Neuroscience is a unit attached to the Department of Neurology at Bispebjerg Hospital. The laboratory is a basic research laboratory with a section in morphological quantification of brain structures and a molecular biology section.