

Position for Early Stage Researcher (36 months)

Title: **The role of astrocyte activation and reactive gliosis in neuroprotection and CNS regeneration**

Aim of Project: Molecular understanding of the function of reactive astrocytes in brain injury and in CNS regeneration

Methods:

A mouse model with attenuated reactive gliosis (mice deficient in astrocyte intermediate filament proteins GFAP, vimentin or nestin) will be used in combination with neurotrauma models and conventional and 3D cell culture systems, gene expression profiling will be done by qrtPCR including single cell qrtPCR, immunohistochemistry and confocal microscopy.

Candidate profile:

You should be a cell, molecular or developmental biologist, molecular geneticist or similar in possession of a degree which allows you to start a doctorate / Ph.D. thesis. You should have strong interest in and commitment for experimental biomedical research. You should be ready to work in a dedicated international research team. Your command of English should be excellent or outstanding.

How to apply & contact data:

Please send (1) your full CV, (2) a record of your university courses and degrees, and (3) three references to Professor Milos Pekny at Milos.Pekny@neuro.gu.se

Please use "EduGliaPosition" as an e-mail subject.