



SAHLGRENSKA AKADEMIN

Institutionen för kliniska vetenskaper

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Announcement - scholarship at undergraduate/advanced level

The Department of Obstetrics and Gynecology, the Institute of Clinical Sciences, hereby announces a vacant scholarship at undergraduate/advanced level in repurposing exendin-4 for the treatment of neonatal brain injury.

Preliminary training plan

The project aims to understand how exendin-4 confers neuroprotection against neonatal brain injury. The aim of this project is to generate further data that may support the use of exendin-4 for future interventions in neonatal brain injury in the clinic.

During the project the student will learn techniques related to histology, including tissue paraffin embedding, microtome sectioning, histology, immunohistochemistry and immunofluorescence. The student will also learn different microscopy techniques, such as cell counting, threshold luminosity, convex hull area and soma cell area. Additionally, the student will also learn how to perform ELISA assays and will be introduced to Seahorse technique..

If you require any further information, please contact Eridan Rocha Ferreira, Eridan.rocha.ferreira@gu.se, supervisor.

Financing

Two payments of 45 000 SEK. A total of 90 000 SEK for the whole period

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Application

To apply please fill out the form "Scholarship application" and send it to Eridan Rocha Ferreira, Eridan.rocha.ferreira@gu.se, supervisor.

To be eligible for a scholarship you must be a registered student at undergraduate or advanced level at the University of Gothenburg, other Swedish university or an international university.

Please attach a copy of your registration certificate with your application. The certificate must demonstrate that you are a registered student throughout the scholarship period.

Closing date is 2025-10-28