



**THE SAHLGRENKA ACADEMY**  
**INSTITUTE OF NEUROSCIENCE AND PHYSIOLOGY**

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## **Announcement - scholarship at undergraduate/advanced level**

The Department of Clinical Neuroscience, Institute of Neuroscience and Physiology, hereby announces a vacant scholarship at undergraduate/advanced level in research subject/project: *Clinical brain tumor research*.

### **Training plan**

Subject: Clinical brain tumor research

Background: The clinical brain tumor research group has a broad activity. In this project we are working with MR images, in addition to work involving neuropsychology and quality of life. The scholarship offers possibility to learn more about medical image interpretation and analytic approaches of data involving neuropsychology and quality of life.

Purpose: Together with other members of the research group learn how to interpret brain imaging and handle abovementioned data. This will enable the student to work efficiently with image analyses in the future in addition to familiarizing with analytic approaches of data involving neuropsychology and quality of life.

Method: It is expected that the student in close collaboration with other group members will do region-of-interest analyses in brain images and perform abovementioned analyses involving neuropsychology and quality of life.

Time plan: Ten months starting December 2023. Under supervision learn how to preprocess and prepare MR images of functional brain networks for evaluation

Learning outcome: Learn how to handle and prepare images for efficient analytic pipelines. Get insight into brain tumor research with focus on functional outcome (cognition and quality of life).

### **Period**

2023-12-01 to 2024-09-30 (10 months)

### **Financing**

3 payment of 40 000 SEK. A total of 120 000 SEK for the entire period.  
(15 000 SEK/month for an approved applicant applying from abroad).

If you require any further information, please contact Asgeir Jakola, [jakola.asgeir@gu.se](mailto:jakola.asgeir@gu.se) supervisor.

**Application**

To apply please fill out the form “Scholarship application” and send it to Asgeir Jakola, [jakola.asgeir@gu.se](mailto:jakola.asgeir@gu.se) supervisor.

Please attach a copy of:

CV

Letter of motivation

Registration certificate

Closing date is 2023-11-08.