



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

Department of Clinical Neuroscience
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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 **Clinical epilepsy research**.

Training Plan

Subject: Clinical epilepsy research.

Background: Epilepsy is one of the most serious neurological conditions. The field suffers greatly from a lack of biomarkers that can assist in diagnosis, treatment, and prognosis. Sahlgrenska Academy and Sahlgrenska University Hospital is one of the larger research environments for epilepsy.

Purpose: The aim of the training is to allow the candidate to participate in epilepsy research in Johan Zelanos group, with a particular focus on EEG biomarkers.

Method: EEG data collected in the prospective study PREDICT will be analyzed with appropriate software in collaboration with research group members. Most analyses will be descriptive, but some associations with epilepsy characteristics like side effects and protein levels will also be analyzed.

Time plan: 1st of December, until 29th of December 2024

Learning outcome: An understanding of clinical epilepsy research, analysis software, and current challenges in epilepsy.

Financing

1 payment of 15 000 SEK. A total of 15 000 SEK for the whole period.
If you require any further information, please contact Johan Zelano,
johan.zelano@neuro.gu.se, supervisor.

Application

To apply please fill out the form "Scholarship application" and send it to Johan Zelano
johan.zelano@neuro.gu.se, supervisor.

Please attach a copy of:

CV

Letter of motivation

Registration certificate

Closing date: 2024-11-15