



SAHLGRENKA AKADEMIN INSTITUTIONEN FÖR BIOMEDICIN

Utlysning

Project Title: Identification of novel proteins to detect glycan epitopes

Project duration and dates: 2 months (2024/06/03 until 2024/08/16)

Application deadline: 2024/04/29

Amount: 2500 SEK/week

Project summary: The project aims to identify and characterize binding proteins that specifically recognize *O*-glycan epitopes. This will allow the development of a panel of probes to specifically target alterations of glycosylation in diseases. Briefly, putative binding proteins will be recombinantly expressed, purified and characterized using different biochemical assays and mucins oligosaccharides.

Applicant:

Required skills

- Cloning
- Expression of proteins in *Escherichia coli*
- Purification of proteins
- Characterization of binding proteins
- Immunohistochemistry

Additional advantages (not required)

- Mucin biology

Application:

Applications should be emailed to ana.luis@medkem.gu.se. The application should include; Motivation letter, CV including contact info.