



SAHLGRENKA AKADEMIN INSTITUTIONEN FÖR BIOMEDICIN

Utlysning

Project Title: Characterization of *O*-glycans endo-active enzymes

Project duration and dates: 2 months (2024/05/20 until 2024/07/31)

Application deadline: 2024/04/29

Amount: 2500 SEK/week

Project summary: The project aims to determine how endo-active enzymes in the gut microbiota impact the colonization of the human gut. Briefly, putative binding proteins encoded by members of the human gut microbiota 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 and enzymes

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.