



SAHLGRENKA AKADEMIN INSTITUTIONEN FÖR BIOMEDICIN

Utlysning

Project Title: Characterization of mucin-active enzymes

Project duration and dates: 6 months (2025/03/03 until 2025/08/29)

Application deadline: 2025/01/31

Amount: 4846 SEK/week

Project summary: The project aims to determine how gut microbiota active enzymes impact the colonization of the human gut. Briefly, putative active 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
- Structural biology

Additional advantages (not required)

- Mucin biology
- Characterization of carbohydrate-active enzymes

Application:

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