

Four years PhD position within Functional Bioinformatics at Örebro University

The PhD position is in the field of Functional Bioinformatics at Örebro University, Sweden. We seek to use, re-combine and further develop methods for data integration, statistical learning, network biology and statistical bioinformatics. Diagnostic and predictive biosignatures for gastrointestinal dysfunction, mainly IBS and IBD, are in the focus of this position, filtered from clinical, molecular and microbial profile data. Data are mainly from our cooperations partners, medical doctors and biomedical researchers within the international research environment Nutrition-Gut-Brain Interactions Research Centre (NGBI, see link below). Methodological development in bioinformatics is run together with partners at Swedish, Norwegian, German, and English Universities. The planned focus is on NGS and OMICs data analysis in combination with statistical learning for biosignature mining.

The candidate needs to have a strong computational biology background, alternatively computer science, or mathematics combined with programming/scripting skills. NGS data analysis experience is of advantage. Daily communication with our experimentally working partners on international level makes strong communication skills necessary. Prior education in bioinformatics, computer science or related fields is a merit.

Application DEADLINE: October 30th

(Three paper copies necessary! See job announcement link below for details.)

Please contact:

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Bioinformatics Research Group at Örebro University:

<http://www.oru.se/English/Research/Research-teams/Research-teams-by-research-subject/Research-team/?rdb=206>

Homepage Assoc. Prof. Dirk Repsilber:

http://www.oru.se/English/Employee/dirk_repsilber/

NGBI research environment:

<http://www.oru.se/English/Research/Research-Environments/Research-environment/MH/Nutrition-Gut-Brain-Interactions-Research-Center/>

Job announcement, details and further links for application:

<http://www.oru.se/english/vacancies/?rmpage=job&rmjob=1583&rmlang=UK>