

CURRICULUM VITAE

Karl Mårild, MD PhD

CURRENT AFFILIATIONS

- 2019- Associate professor, Dep. of Pediatrics, Institute of Clinical Sciences, Sahlgrenska Academy, Gothenburg, Sweden
- 2018- Pediatric specialist, Dep. of Pediatric gastroenterology, Queen Silvia Children's Hospital, Sahlgrenska University Hospital, Gothenburg, Sweden
- 2014- Researcher, Dep. of Chronic Diseases and Ageing, Norwegian Institute of Public Health, Oslo, Norway

EDUCATION

- 2019- *Associate professor of Pediatrics*, Sahlgrenska Academy, Gothenburg, Sweden
- 2014- *Pediatric specialist*
- 2012 *Doctor of Philosophy (PhD)* within the subject of Medical Science. Thesis: Risk Factors and Associated Disorders of Celiac Disease. Doctoral dissertation on May 25, 2012, at Örebro University, Sweden. Main supervisor: Dr Jonas F Ludvigsson; co-supervisor: Dr Olof Stephansson.
- 2009 Licensed to practice as *medical doctor (MD)*
- 2007 *University diploma in medicine*, Lund University, Sweden

WORK EXPERIENCE

- 2018- *Pediatric specialist*, Dep. of Pediatric gastroenterology, Queen Silvia Children's Hospital, Sahlgrenska University Hospital, Gothenburg, Sweden. Permanent employment, which consists of half-time (50% full-time equivalent [FTE]) clinical work and half-time research funded under the ALF-agreement throughout 2022 by the Healthcare board of Region Västra Götaland (Dnr. ALFGBG-771121).
- 2016-2017 *Postdoctoral research position* (100% FTE) at the University of Colorado, Denver, CO, USA. This 1-year fellowship, hosted by Dr Marian Rewers, was held at the DAISY birth cohort study conducted in Denver, CO, examining environmental triggers for immune-mediated diseases, in particular celiac disease and type 1 diabetes. I have continued to have a fruitful collaboration with Dr Rewers. We have so far co-authored four research papers and secured funding for additional collaborative projects using U.S. and Swedish data.
- 2014-2016 *Postdoctoral research position* (100% FTE) at the Norwegian Institute of Public Health (NIPH), Oslo. PI: Dr Lars C. Stene. This 2-year fellowship initiated the opportunity to study early-life determinants for immune-mediated diseases using data from the world's two largest pregnancy cohorts: The Norwegian Mother and Child Cohort (MoBa, conducted by the NIPH) and The Danish National Birth Cohort (DNBC, conducted by Statens Serum Institut). As an NIPH affiliated researcher, I am currently involved in several research projects on MoBa and its sister-cohort MIDIA (PI=Stene). By Mars 2020, I have been the first/last- or co-author on >15 research papers based on MoBa, DNBC and MIDIA cohort data.
- 2012-2014 *Resident in pediatrics*, Astrid Lindgren Children's Hospital, Stockholm, Sweden

PUBLICATIONS

By March 2021, I have co-authored 41 publications, including three papers as senior (last) author (<https://pubmed.ncbi.nlm.nih.gov/?term=Karl+Mårild&sort=date&size=200>). In addition, I have co-authored two publications that are currently under review.

SUPERVISION

- 2020-2021** Supervision of total five medical students at the University of Gothenburg in their Master's thesis (Julia Sandström, Julia Frydebo, Frida Strandin, Jennie Oskarsson, Alice Loft Månsson)
- 2020-** Supervisor of Maria Ulnes, MD at Queen Silvia Children's Hospital, Sweden.
- 2019-** Co-supervisor of PhD student Soran R Bozorg, Örebro University, Sweden.

SECURED FUNDING (PI=Mårild)

- 2020-** *SSMF:s Stora Anslag (S20-0007), Swedish Society for Medical Research (Svenska Sällskapet för Medicinsk Forskning, SSMF)*. "Prospective evaluation of early-life environmental triggers for pediatric inflammatory bowel disease: PREVENT IBD". 6 000 000 SEK over four years including 2 000 000 SEK for funding of a half-time research position (PI Mårild)
- 2020-** *Starting grant (Dnr 2020-01980), The Swedish Research Council (Vetenskapsrådet)*. "Prospective evaluation of early-life environmental triggers for pediatric inflammatory bowel disease: PREVENT IBD". 6 000 000 SEK over four years
- 2020-** *ALF medel (ALFGBG-915661)*. "Mot tidig diagnostik av celiaki – ny kunskap genom klinisk epidemiologi" 1 000 000 SEK/year.
- 2020-** *The Swedish Society of Medicine (Dnr 935346/935415/935418)*. "Mucosal healing in inflammatory bowel disease and its effect on fertility and pregnancy outcomes". 375 000 SEK.
- 2019-** *The Swedish Society of Medicine (Dnr SLS-875781/SLS-887851)* "CELIAC Identification Among Children (CELIAC): A feasibility study of celiac screening in the Gothenburg metropolitan area". 380 000 SEK

AWARDS and COMMISSIONS OF TRUST

- 2021-** *Member of The Swedish Society for Pediatric Gastroenterology Hepatology and Nutrition (SPGHAN) national working group on celiac disease.*
- 2018-** *Full member of The European Society for Pediatric Gastroenterology Hepatology and Nutrition (ESPGHAN). Member of the Celiac disease Special Interest Group.*
- 2017-** *Board member, Swedish Society of Epidemiology*
- 2015-** *Peer-review assignments.* Over the last 5 years I have regularly peer-reviewed articles submitted to the following journals: American Journal of Epidemiology (awarded "2016 reviewer of the year"), American Journal of Gastroenterology, Pediatrics and JAMA Pediatrics among others.
- 2013** *Mayo Clinic-Karolinska Institutet Collaborative Travel Award, for a 2-month research visit at the Mayo Clinic College of Medicine, Rochester, MN, USA. Host: Dr. Joseph A Murray*