



**JOHANNA REHNBERG** was born in 1982 in Karlstad and graduated from the medical program at Lund University in 2008. After completing her degree, she returned to Värmland to undertake her internship and residency in Internal medicine and Nephrology. She is currently working as a consultant in nephrology at the Department of Nephrology in Karlstad. In 2020, she was registered as a PhD student under the supervision of Louise Emilsson and Jonas F. Ludvigsson.

This thesis explores the broader health implications of IgA nephropathy (IgAN), focusing on its associations with inflammatory bowel disease (IBD), cancer, infections, and data reliability in the Swedish Renal Registry (SRR). The studies reveal that IgAN is linked to both preceding and future IBD, which also increases the risk of kidney failure. Cancer risk was elevated only in IgAN patients with end-stage renal disease, while infection risk, including sepsis, was significantly higher across all patients. The SRR biopsy data proved highly reliable, supporting its use in future IgAN research.

Together, these findings contribute to a deeper understanding of IgAN's broader clinical implications, and the potential risks associated with its progression.

ISSN 1652-4063  
ISBN 978-91-7529-676-0

JOHANNA REHNBERG

IgA Nephropathy: Comorbidities and Prognosis

ÖREBRO  
STUDIES IN  
MEDICINE  
330  
2025

Doctoral Dissertation

# IgA Nephropathy: Comorbidities and Prognosis – Registry-based Studies

JOHANNA REHNBERG

*Medical Science with a specialisation in Medicine*



JOHANNA REHNBERG

IgA Nephropathy: Comorbidities and Prognosis

Örebro Studies in Medicine 330 | ÖREBRO 2025