



Matilda Fresk

LSRP 2, Pediatrics - Gastroenterology

Bio

BIO

Biorepository Manager and Life Science Research Professional at Stanford Medicine. I support both the Center for IBD and Celiac Disease and Dr. Michael Rosen's Lab, where my primary focus is the administration and execution of the Biorepository study.

My role bridges strategic operations with hands-on technical execution. I oversee the development of SOPs, inventory management, and maintain direct contact with our cohort of research participants and their families. I also collaborate closely with research labs across Stanford to supply them with biorepository samples, ensuring full regulatory compliance and proper documentation for all de-identified sample transfers. Furthermore, I provide integral support for our Clinical Research Coordinators (CRCs) on key initiatives, including the CAPTURE IBD and MUSIC-CD studies, managing essential processes such as visit registration, supply procurement, research kit preparation, and biospecimen processing.

I bring a deeply technical engineering background, with over three years specialized in the generation, characterization, and affinity purification of antibody-based constructs and AAV vectors, with a strong understanding of process development. Previously a Research Engineer at KTH Royal Institute of Technology, where I coordinated autoimmune research with the Karolinska Institute.

I hold both an MSc and a BSc in Medical Biotechnology from KTH Royal Institute of Technology.