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Postdoctoral opportunity:

**Exploring Treatment of Respiratory and Intestinal
Inflammation in Human Organotypic Tissue Culture**

Type: Funded fellowship (stipend), 2 years

Place of work: Uppsala University, Department of Medical Biochemistry and Microbiology

Starting date: Early fall 2026

About the position: A fully funded 2-year postdoctoral fellowship (stipend) is available in a collaborative project led by Dr. Aida Paivandy in collaboration with the Sellin laboratory (www.sellinlab.se) at Uppsala University and SciLifeLab, Uppsala, Sweden.

The project aims to develop and exploit advanced respiratory and gut epithelial model systems to investigate innate immune signaling pathways and explore a novel pharmacological approach to suppress undesired mucosal inflammation. The work will involve 2D and 3D cell and organoid cultures, air–liquid interface systems, microbial ligand stimulation experiments, and methods such as qPCR, ELISA, genetic perturbation technology, flow cytometry and live-cell imaging.

We are seeking a motivated candidate with a recent PhD degree (not later than 3 years post-dissertation) and a strong background in immunology, microbiology, molecular biology, cell biology, or a related discipline. Prior experience with advanced cell culture systems, organoid models, mucosal biology, inflammatory signaling, transfection of mammalian cells, and/or advanced microscopy is highly desirable.

To apply: Applications will be reviewed continuously until **June 30th, 2026**. To apply, please send your CV and a brief letter describing your research interests by email to:

Primary recipient: aida.paivandy@uu.se
CC: mikael.sellin@imbim.uu.se

Subject line: “Postdoctoral application UU2026-06 – your last name”