

Three-year postdoc position on adipose microvascular dysfunction and microRNAs

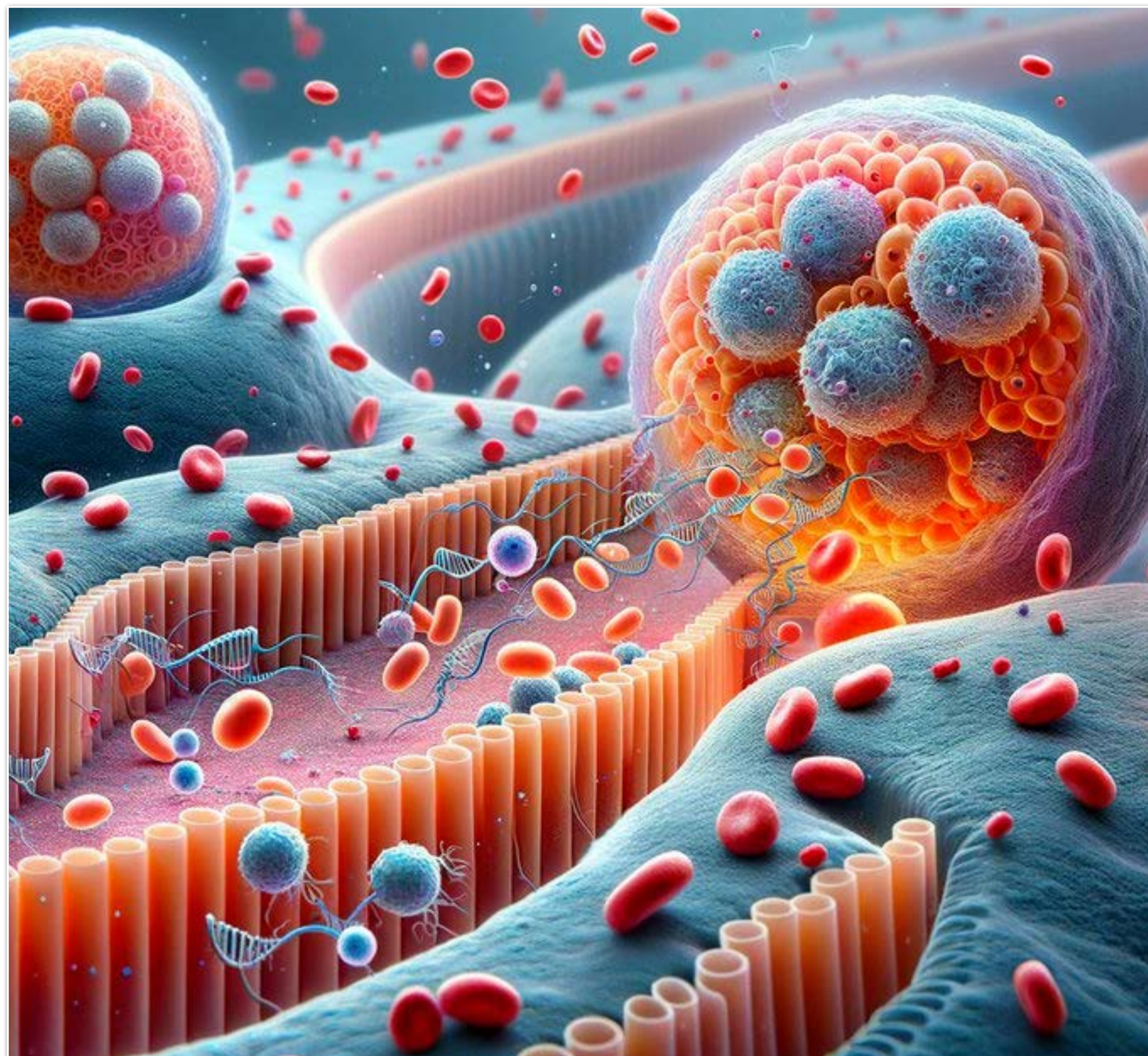
- Are you interested in understanding and therapeutically targeting gene networks driven by **obesity-associated microRNAs in adipocytes and endothelial cells**?
- Would you like to receive training in **m(icro)RNA sequencing**, proprietary AAVs to perturb microRNAs in diseased adipose cell types, ***in silico* approaches to predict microRNA-mRNA networks**, and have access to novel transgenic mice to study intercellular crosstalk by microRNAs?

A position as postdoctoral fellow is available at the **Department of Biochemistry and Molecular Biology, University of Southern Denmark, Odense**, with a flexible starting date after 1st of May 2024, funded for 3 years with possibility of extension.

You will also get the chance to interact with the **NNF-funded Center for Adipocyte Signalling** (www.sdu.dk/en/adiposign) which has undertaken a holistic approach to understand adipocyte dysfunction using multimodal gene profiling in obese patients and rodent models.

The employee will be part of Jan-Wilhelm Kornfeld's research group (www.kornfeldlab.com) and join an international group united by an interest in dissecting the molecular function, and therapeutic potential, of obesity-associated microRNAs and Chromatin Regulators in Cardiometabolic Disease.

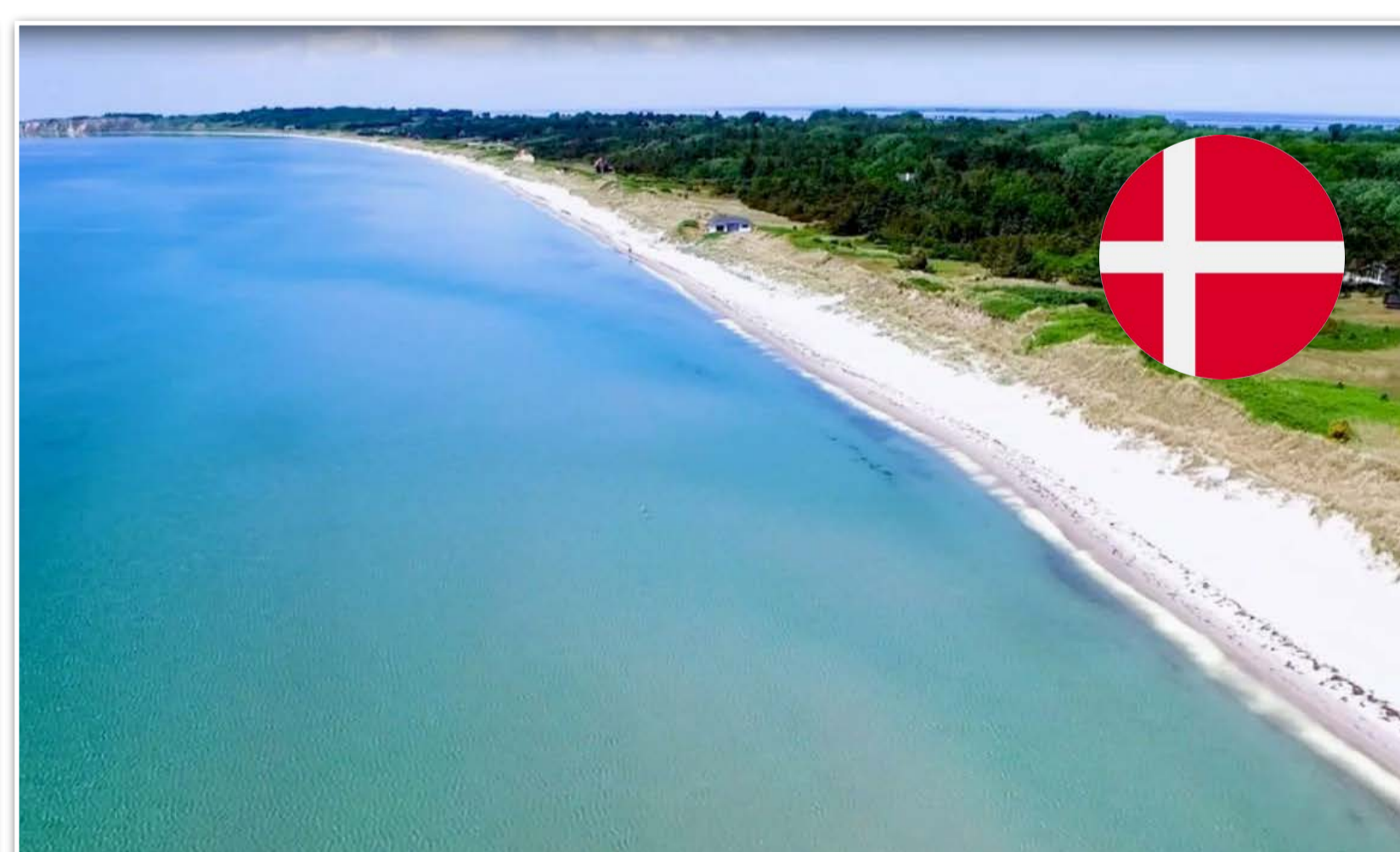
'Regulation of adipose cell types by microRNAs (DALL-E)'



We are seeking an enthusiastic colleague with a PhD degree in life sciences (biologist, biochemist, biomedical degree or related) with the following skills:

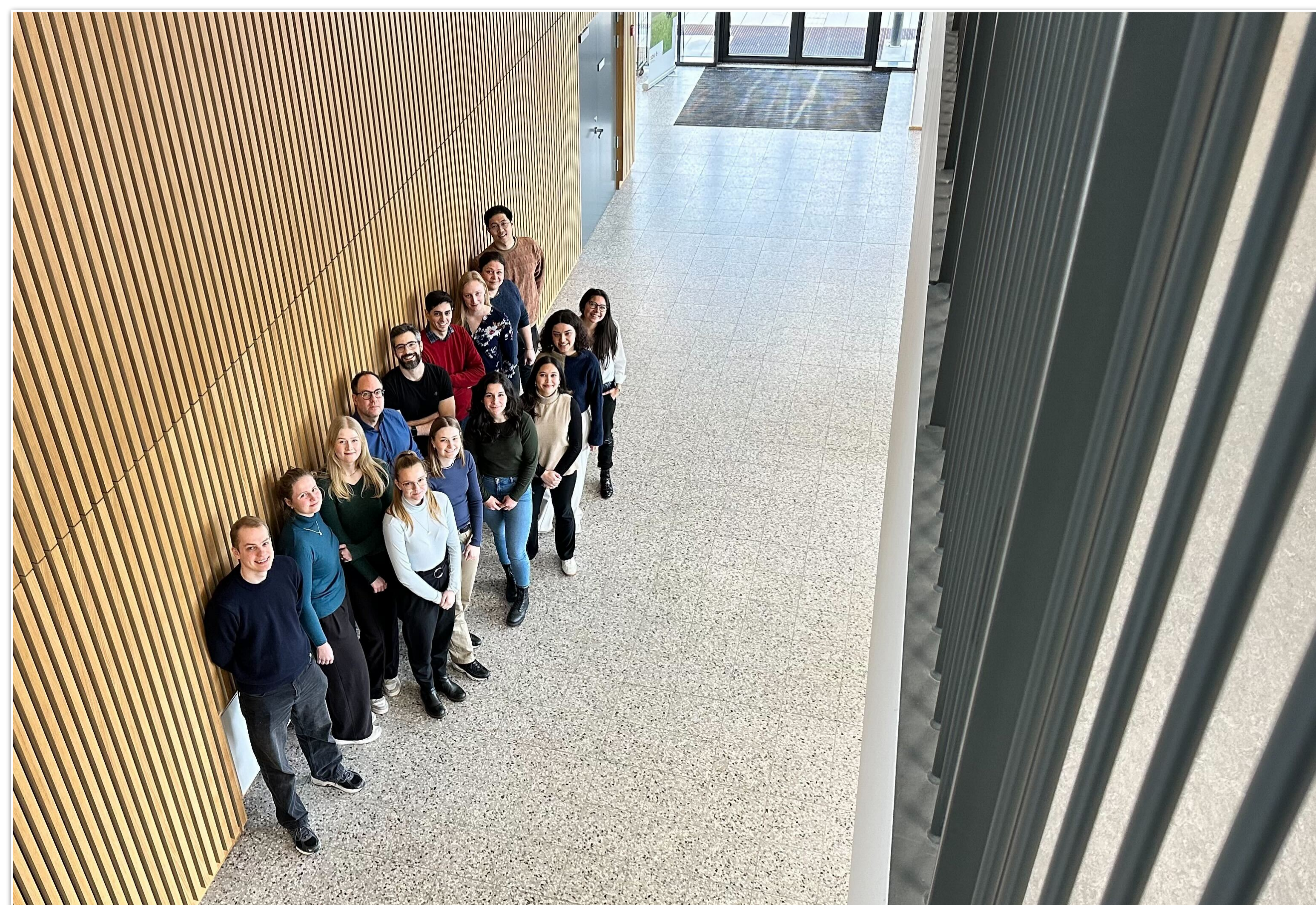
- Computational analysis of bulk a/o sc RNA Seq.
- Background in microRNAs a/o RNA gene regulation.
- Knowledge in adipose biology and its complications during Cardiometabolic Disease.
- Maintenance and phenotyping of obese mice.
- At least one first authorship in a leading journal.

Langeland Beach



SDU and New Uni Hospital

Tinderbox Festival



The Kornfeld group (2024)

Contact: Prof. Jan-Wilhelm Kornfeld by email (janwilhelmkornfeld@bmb.sdu.dk) or phone (+45 9350 7481)