# 4th Copenhagen Gut Microbiome Symposium, November 11th 2026

Hosted by: University of Copenhagen

Venue: Einar Lundsgaard aud., Panum, University of Copenhagen, Blegdamsvej 3C, 2200 KBH N

Organizer: CPH Gut Microbiome Hub

# Program

**8.30-9.00** Arrival, setting up posters, and coffee/croissants

**9.00-9.15** Welcome and intro – Dennis S. Nielsen on behalf of the organizing committee

**9.15-10.30** **Session 1.** Chair: Urvish Trivedi

9.15-10.00 **Keynote speaker #1: Asst. Prof. Johannes Björk**, University Medical Center Groningen, the Netherlands - *"Microbiome ecology across clinical trajectories: from cancer development to treatment response and transplantation"*

10.00-10.30 **Prof. Susanne Brix**, Technical University of Denmark, Denmark - *"Beyond Dysbiosis: Gut Microbiota, Immune Tolerance and Disease Trajectories"*

**10.30-11.15** Poster session 1 with coffee/fruit

**11.15-12.30** **Session 2**. Chair: Benjamin A. H. Jensen

11.15-11.30 **Nermin Akduman**, EMBL Heidelberg, Germany – *"Automated smart picking to expand gut microbial culturomics"*

11.30-11.45 **Ida W. Henriksen**, University of Copenhagen, Denmark – *"Pathogen stimulation and profound microbiota differences drive skin inflammation in the Ova-Alum mouse model"*

11.45-12.00 **Lejla Imamovic**, CNRS, Inserm, Sorbonne University, France – *"IgA-mediated immune surveillance defines a quantitative axis of gut microbiota organization"*

12.00-12.15 **Trine Zachariassen**, University of Copenhagen, Denmark – *"Strain-level evolution, persistence and functional variation in the childhood gut microbiome"*

12.15-12.30 **Yaovi Mahuton Gildas Hounmanou** , University of Copenhagen – *"Seasonal Environmental Exposure Shapes Human Gut Microbiome Assembly in a Climate-Vulnerable Aquatic Community"*

**12.30-13.15** Lunch

**13.15-14.45** **Session 3**. Chair: Camilla H. F. Hansen

13.15-14.00 **Keynote speaker #2: Prof. John Penders**, Maastricht University Medical Centre+, the Netherlands - *"Contrasting Exposure Regimes Shape the Human Gut Microbiome and Resistome: Evidence from Travel and Social Distancing"*

14.00-14.30 **Clin. Prof. Christian Hvas**, Aarhus University, Denmark - *"Microbiota therapies – is Europe moving towards donor faeces or defined consortia"*

14.30-14.45 **Serife Ayten**, Aalborg University – *"Classical and Mediterranean-Modified Ketogenic Diets Distinctly Shape the Gut Microbiota Composition and Function in Scopolamine-Induced Cognitive Impairment Model"*

**14.45-15.15** Poster session 2 with coffee/cake

**15.15-16.45** **Session 4**. Chair: Dennis S. Nielsen

15.15-15.30 **Pedro Vanzele**, University of Sao Paulo, Brazil – *"Early feeding status drives gut microbiome maturation and gut-brain functional signatures in the first 1,000 days of life"*

15.30-15.45 **Pernille Neve Myers**, Hvidovre Hospital, Denmark – *"Gut, vaginal, and seminal microbiomes in couples with infertility or recurrent pregnancy loss: a two-cohort prospective study of reproductive outcomes"*

15.45-16.00 **Yunjeong So**, Technical University of Denmark & University of Copenhagen – *"Human milk oligosaccharides contribute to the choreographed maturation of the adult gut microbiome during weaning"*

16.00-16.15 **Sune Yang-Jensen**, University of Copenhagen, Denmark – *"Bacterial Translocation and Steatohepatitis in Mice and Humans"*

16.15-16.45 **Prof. Jeremy Barr,** Monash University, Australia – *"Temperate bacteriophage populations in the human gut: culturomics and experimental insights"*

**16.45-17.00** Poster prize & concluding remarks: Dennis S. Nielsen

**17.00-17.30** Drinks & snacks