



2ND UMEÅ SYMPOSIUM ON HYPOXIC BIOLOGY WITH FOCUS ON MICROBIOLOGY. MAY 23RD, 2022

Welcome to the second edition of this symposium. This virtual symposium is an initiative of the Umeå Hypoxic Research Facility (UHRF) to highlight the role of hypoxia in microbiology.

SCHEDULE IN CET TIME

09:00-09:15	Felipe Cava and Emilio Bueno (Umeå University – Sweden) <i>Introducing the symposium and Umeå Hypoxia Research Facility.</i>
09:15-09:50	Chris Greening (Monash University – Australia) <i>Biosynthesis pathway and physiological roles of the methanogenic cofactor F420 in mycobacteria.</i>
09:55-10:30	Benoit Marteyn (Institute Pasteur – France) <i>Infectious hypoxia caused by Shigella</i>
10:30-10:40	BREAK
10:40-11:15	Laura van Niftrik (Radboud University – The Netherlands) <i>Relevance, impact, and molecular mechanism of anaerobic ammonium oxidation by anammox bacteria.</i>
11:20-11:55	Lars Bakken (NMBU – Norway) <i>Biology of denitrification in hypoxia, implications for N₂O emission</i>
12:00-13:00	LUNCH
13:00-13:35	Xinhua Chen (Harvard University – USA) <i>Gut barrier function in C. difficile infection</i>
13:40-14:15	Kyu Y Rhee (Weill Cornell Medical College – USA) <i>Continuing tales of the tubercle bacillus: waiting to exhale</i>
14:15-15:00	BREAK
15:00-15:35	Yingming Zhao (University of Chicago Medicine Comprehensive Cancer Center – USA). <i>Lactate-mediated Histone Lysine Lactylation: Discovery, Biochemistry and Function</i>
15:40-16:15	Mariana Xavier Byndloss (Vanderbilt University Medical Center – USA) <i>Disruption of microbiota and intestinal epithelial interactions as a key driver of non-communicable diseases</i>
16:15-16:30	Final remarks, closure

The symposium will be held in Zoom and link will be sent to registered participants before the event.
Welcome!

LINK TO REGISTRATION