

# DMS CONGRESS 2025

## Preliminary Programme

Monday, November 10<sup>th</sup>, 2025  
Marmorhallen, University of Copenhagen

09:00 - 10:00	Registration & Coffee		
09:00 - 10:00	Poster mounting		
10:00 - 10:40	Welcome & Morning Keynotes		
	Auditorium 1	Auditorium 2	Auditorium 3
10:00	Opening address by DMS President, Leise Riber	Opening address by DMS Vice president, Ditlev Egeskov Brodersen	
10:05	Keynote: Thomas Bjarnsholt, Department of Clinical Microbiology, Rigshospitalet, & Department of Immunology and Microbiology, University of Copenhagen  Talk title: Rediscovering the Drivers of Chronic Infections	Keynote: Pablo Ivan Nikel, Novo Nordisk Foundation Center for Biosustainability, Systems Environmental Microbiology, Technical University of Denmark  Talk title: Advanced CRISPR–Cas technologies for precise engineering of Pseudomonas	
10:40	Industry symposium by TBA	Industry symposium by TBA	
10:55 - 11:30	Coffee & exhibition		
11:30 - 12:30	Morning parallel sessions		
	Auditorium 1: Bioinformatics	Auditorium 2: Host microbe interactions	Auditorium 3: Microbial ecosystems
11:30	Session: Bioinformatics & AI  Chair introduction: Carlos Acevedo-Rocha, DTU Co-chair: Sebastian Reinhold Sørensen, Novonesis, DMS Board	Session: Interactions of vector associated pathogens  Chair introduction: Karen Angeliki Krogfelt, Department of Science and Environment, Roskilde University. Co-chair: Rie Jønsson, Roskilde University, DMS Board	Session: Marine Microbiology  Chair introduction: Lars Behrendt, Department of Biotechnology and Biomedicine, Technical University of Denmark Co-chair: Leise Riber, University of Copenhagen, DMS Board
11:35	Carla Greco, Basecamp research  Talk title: Breaking the Biological Data Wall: Building the world’s largest, ethically-sourced database of biological information to pioneer a new class of foundational AI models	Hein Sprong, National Institute of Public Health and Environment (RIVM), Centre for Infectious Disease Control (CIb), Amsterdam, Netherlands  Talk title: Eco-epidemiology of tick-borne disease	Soeren Ahmerkamp, Department of Biogeochemistry, Max Planck Institute for Marine Microbiology, Bremen  Talk title: Connectivity between Microorganisms and their Environment in the Ocean
12:00	Aleksej Zelezniak, Life Science, Chalmers University of Technology, Gothenburg  Talk title: Leveraging Generative AI for Synthetic Biology Applications	Nanna Skaarup Andersen, Odense University Hospital, University of Southern Denmark  Talk title: Tick borne pathogens in Denmark	Maliheh Mehrshad, Department of Aquatic Sciences and Assessment, Swedish University of Agricultural Sciences, Uppsala  Talk title: Phage-bacteria eco-evolutionary dynamics in freshwater lakes
12:15	Patrick Munk, National Food Institute, Technical University of Denmark  Talk title: Do we have the right tools and data to understand antimicrobial resistance epidemiology?	Lene Jung Kjær, Department of Veterinary and Animal Sciences, University of Copenhagen  Talk title: Predictive methods for risk analysis of vectors and vector borne diseases	Lars Behrendt, Department of Biotechnology and Biomedicine, Technical University of Denmark  Talk title: From resource use to respiration: chemico-biological links between phytoplankton and bacteria in carbon cycling
12:30 - 12:50	Oral abstract presentations	Oral abstract presentations	Oral abstract presentations
12:30	Oral abstract presenter (TBA)	Oral abstract presenter (TBA)	Oral abstract presenter (TBA)
12:40	Oral abstract presenter (TBA)	Oral abstract presenter (TBA)	Oral abstract presenter (TBA)
12:50	Industry symposium by TBA	Industry symposium by TBA	Industry symposium by TBA
13:00 - 13:30	Lunch in the exhibition area		
13:00 - 13:40	Auditorium 2: General assembly for The Danish Pasteur Society Speaker: Pasteur Travel Grant recipient, 2024: (TBA)		
13:30 - 14:20	POSTER SESSION 1		



	Afternoon parallel sessions		
14:20 - 15:20	<b>Auditorium 1: Molecular mechanisms</b>	<b>Auditorium 2: Clinical microbiology</b>	<b>Auditorium 3: Applied microbiology</b>
14:20	<b>Session: Molecular mechanisms in antibiotic resistance</b>  Chair introduction: <b>Dorte Frees</b> , Department of Veterinary and Animal Science, University of Copenhagen. Co-chair: <b>Thomas Tørring</b> , Aarhus University, DMS Board	<b>Session: Clinical Microbiology</b>  Chair: <b>Marianne Voldstedlund</b> , Statens Serum Institut Co-chair: <b>Trine Rolighed Thomsen</b> , Aalborg University, DMS Board	<b>Session: Green transition and microbiology</b>  Chair introduction: <b>Lars Elsgaard</b> , Department of Agroecology, Aarhus University Co-chair: <b>Ole Højberg</b> , Aarhus University, DMS Board
14:25	<b>Dorte Frees</b> , Department of Veterinary and Animal Science, University of Copenhagen.  <i><b>Talk title:</b> The Role of Penicillin Binding Proteins in Life and Death; New Clues to a still Unsolved Mystery</i>	<b>Kirstine Kobberøe Søgaard</b> , KMA Aalborg  <i><b>Talk title:</b> The daily work of a clinical microbiologist: Tracing the infection from bug identity to primary focus</i>	<b>Sara Hallin</b> , Department of Forest Mycology and Plant Pathology, Swedish University of Agricultural Sciences, Uppsala, Sweden  <i><b>Talk title:</b> Enhancing microbial nitrate ammonification for the green transition of agriculture</i>
14:50	<b>Hinrich Schulenburg</b> , Christian-Albrechts-Universitaet zu Kiel  <i><b>Talk title:</b> Darwin meets the antibiotic crisis: How can we harness evolutionary insights to improve antibiotic therapy</i>	<b>Marianne Voldstedlund</b> , Statens Serum Insitut  <i><b>Talk title:</b> The Danish Microbiology Database (MiBa) for national surveillance, local infection control, and patient care</i>	<b>Søren O. Petersen</b> , Department of Agroecology, Aarhus University  <i><b>Talk title:</b> Inhibition of microbial nitrification to reduce greenhouse gas emissions from agricultural fields</i>
15:05	<b>Jesper Larsen</b> , Statens Serum Insitut  <i><b>Talk title:</b> Dermatophytes and the skin resistome</i>	<b>Rikke Toft</b> , Statens Serum Insitut  <i><b>Talk title:</b> How to count cases? Not all findings are clinically relevant. National and international case definitions</i>	<b>Ella Tali Sieradzki</b> , Department of Agroecology, Aarhus University  <i><b>Talk title:</b> Microbial and viral succession after soil rewetting: links to carbon sequestration</i>
15:20 - 15:40	<b>Oral abstract presentations</b>	<b>Oral abstract presentations</b>	<b>Oral abstract presentations</b>
15:20	Oral abstract presenter (TBA)	Oral abstract presenter (TBA)	Oral abstract presenter (TBA)
15:30	Oral abstract presenter (TBA)	Oral abstract presenter (TBA)	Oral abstract presenter (TBA)
15:40 - 16:30	Coffee & exhibition		
15:40 - 16:30	POSTER SESSION 2		
16:30 - 17:10	Plenary Keynote		
	Auditorium 1		
16:30 - 17:10	<b>Keynote: Henriette Svarre Nielsen</b> , Amager-Hvidovre Hospital & Department of Clinical Medicine, University of Copenhagen  <i><b>Talk title:</b> Reproduction and Womens health – the role of vaginal dysbiosis and vaginal microbiome transplantation</i>		
17:10 - 17:15	Award ceremony and closing of DMS Congress by DMS Board		
17:15 - 18:15	Reception with fermented beverages		
	<b>Optional congress dinner at Madklubben/Food Club Nørrebro</b> (tickets must be purchased)		