

Microbiological Exposures and Risk Evaluations

Lysebu Hotel, Oslo

21 – 23.3.2023

Tuesday, 21.3.2023

11.30–12.00	Course registration	
12.00–13.00	<i>Lunch</i>	
13.00–13.15	NIVA welcome and general information	Cecilia Weckman, NIVA
13.15–14.00	Introductions Scope and purpose of the course Learning objectives	Anne Straumfors, Pål Graff, NO
14.00–14.45	Molecular methods for identifying bioaerosols	Caroline Duchaine, CA
14.45–15.15	<i>Coffee break</i>	
15.15–16.00	Bioaerosols exposure at the workplace – what do we know and what do we measure (examples from pig farms, greenhouses, and waste collection workers)	Anne Mette Madsen, DK
16.00–16.45	Health effect of bioaerosols exposure	Karl-Christian Nordby, NO
19.00 –	<i>Dinner at the hotel</i>	

Wednesday, 22.3.2023

9.00–9.45	Viruses and their interaction with hosts	Mette Myrmel, NO
9.45–10.30	Identification of viable microorganism in bioaerosols and risk evaluation of pathogenic and antibiotic resistant microorganisms	Pil Uthaug Rasmussen, DK
10.30–11.00	<i>Coffee break</i>	
11.00–11.45	Fungal- and bacterial spores and fragments measurement using scanning electron microscopy (SEM)	Anani Johnny Komlavi Afanou, NO
11.45–12.30	Fungal contamination characterization, azole resistance screening and mycotoxins detection in workplaces	Carla Viegas, PT
12.30–13.30	<i>Lunch</i>	

13.30–14.15	Bioaerosols and Metal Working Fluids	Anna Dahlman Höglund, SE
14.15–15.00	Virus in bioaerosols	Caroline Duchaine, CA
15.00–15.30	<i>Coffee break</i>	
16.00–	<i>Social program and dinner</i>	

Thursday, 23.3.2023

9.00–9.45	Exposure assessment of bioaerosols in sawmills and grain elevators	Anne Straumfors, NO
9.45–10.15	Exposure to bioaerosols in waste sorting plant	Elke Eriksen, Pål Graff, NO
10.15–10.45	Waste workers' exposure to microorganisms and possible aerosolization of microorganisms from their work clothes	Signe Agnete Møller, DK
10.45–11.15	<i>Coffee break</i>	
11.15–12.30	Risk evaluation of bioaerosols, preventive measures, future challenges	Plenary session
12.30–13.00	Take home message - Closing of the course	Pål Graff, NO Cecilia Weckman, NIVA
13.00–13.30	<i>Lunch and farewell</i>	