



**Invitation to
CLEANROOM SYMPOSIUM &
EXHIBITION
R3 Nordic**

23rd - 24th May 2023
Kick-off event evening 22nd May 2023
at Marienlyst Strandhotel,
Helsingør, Denmark.

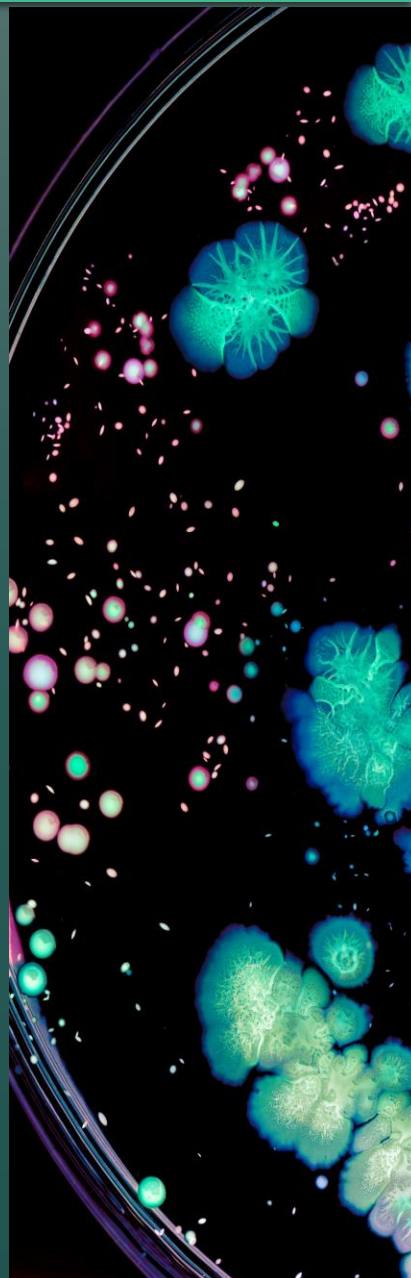
Speakers list:

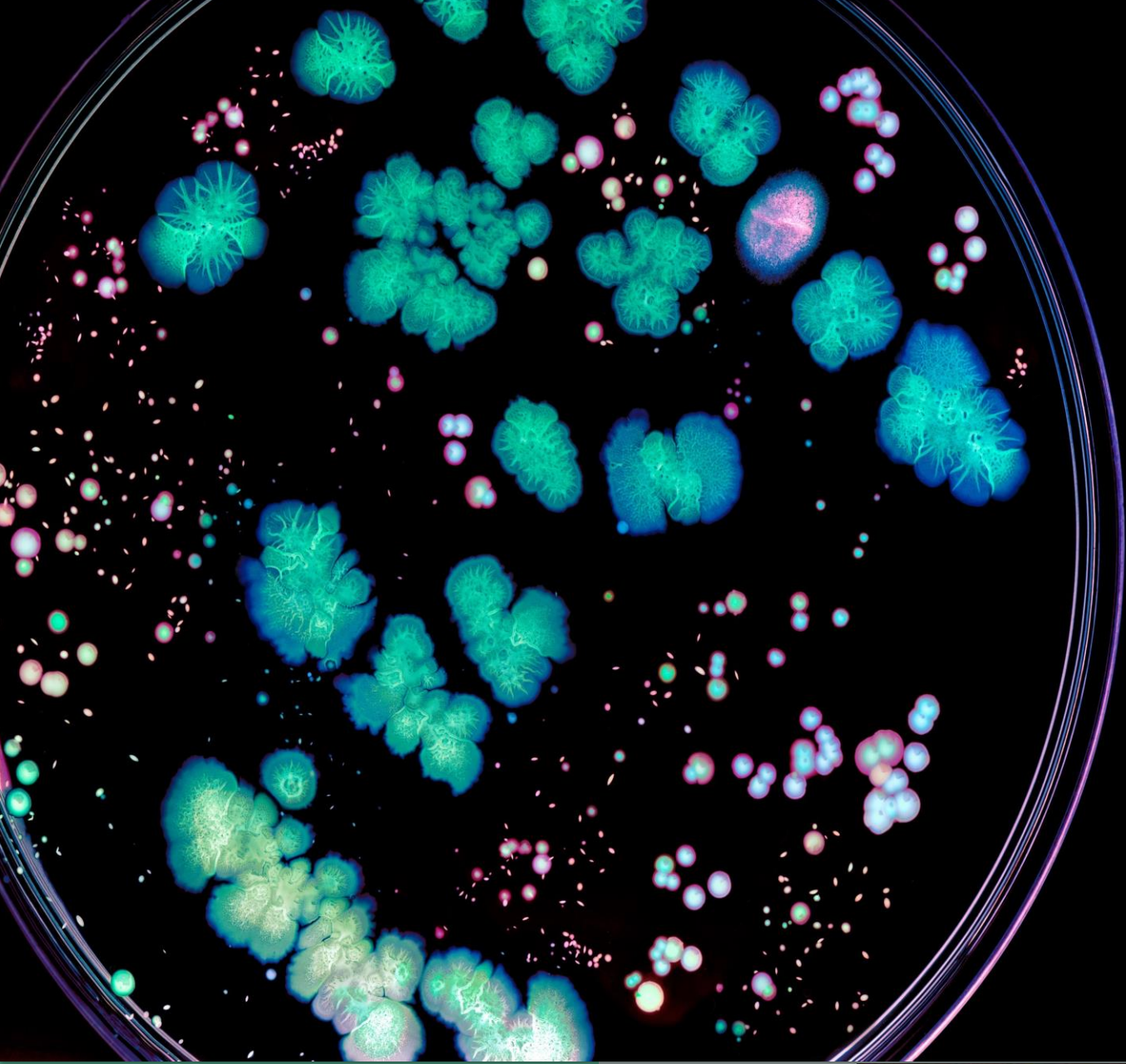
- Gordon Farquharson (Critical Systems)
- Conor Murray (3dimension)
- James Drinkwater (Franz Ziehl)
- Ulla Thomsen (Novo Nordisk)
- Thomas V. Pedersen (Danish Medicine Agency)
- Jette Holt (Statens Serum Institut)
- Elsebeth Tvenstrup Jensen (Statens Serum Institut)
- Marianne Vidkjær (Dansk Standard)
- Berit Reinmüller(Chalmers)
- Bengt Ljungquist (Chalmers)
- Jukka Vasara (Granlund)
- Yuanzhong Wang (Novo Nordisk)
- Kirsten Jorsal (Ellab)
- Nadine Hoffman (Nadine Pharma Consulting)
- Anne-Mette Wittekind (Rigshospitalet)
- Piia Sormunen (Granlund)
- Sabine Bessières (Merck)
- Kari Solem Aune (COWI)
- Tor Hjelmer (Miclev)
- Peter Tønning (UV Medico)
- Kim Hagström (Halton)
- Gun Wirtanen (Seinäjoki University)
- Søren Uldum (Statens Serum Institut)
- Sven Thygesen (Bavarian Nordic)
- Jan Mottlau (Niras)
- Lennart Hultberg (Processhygien)



The program will have a wide scope in areas such as pharma, life science, hospitals, food, and biotech and will cover many interesting aspects in clean rooms and clean technologies, such as:

- **New EU-GMP Annex 1**
- **Risk Assessment**
- **Contamination Control Strategy**
- **Authorities' expectations**
- **Barrier & Isolator technology**
- **EU-GMP Annex 15**
- **Cleanroom standards**
- **Microbiological sampling methods**
- **Cleaning & disinfection**
- **Energy saving in HVAC**
- **HVAC testing**





- Hygienic Design in the Food Sector
- Food safety
- New hospital recommendations
- The hospitals of the future
- Pandemic control strategies in built environment
- Cleanrooms in cytostatics production
- UV disinfection
- Water systems
- Legionella



The symposium provides a fantastic opportunity to acquire high level knowledge in many disciplines. Furthermore, it offers an unique business opportunities by helping to grow your network with other participants' businesses, both as audience and as speakers or exhibitors.

The program and registration to the Symposium can be found on R3 Nordic homepage
<https://r3nordic.org/produkt-kategori/courses/>

The R3Nordic society is a non-profit association with activities in research, training, production, and product development in controlled environments.



What : The 52nd R3Nordic Symposium

When: 23rd & 24th of May 2023

- Kick-off event in the evening the 22nd

Where: Marienlyst Strandhotel

Nordre Strandvej 2A

3000 Helsingør

Denmark

Who: The symposium will be of interest for you in the area of pharma, life science, biotech, food and hospitals.