

IBA- Workshop on Cellular Phenotypic Heterogeneity of Bacterial Pathogens
7.-8.9.2023 – UiT- The Arctic University of Norway, Tromsø

Preliminary programme

Thursday 7.9.2023

Before 11.00 am Arrival at UiT

11.00 – 12.00 Lunch

12.00 – 12.10 Welcome

12.10 – 13.10 **Kirsten Jung**, LMU München, Germany - '*Phenotypic heterogeneity and the functional diversification in bacterial populations*'

13.15 – 14.10 **Liselot Dewachter**, KU Leuven, Belgium - '*Protein aggregation promotes survival of antibiotic treatment by inducing bacterial dormancy*'

14.10 – 14.30 Coffee Break

14.30 – 16.00 Student presentations

16.00 – 16.15 Coffee Break

16.15 – 17.10 **Christian Lentz**, UiT -The Arctic University of Norway - '*Differentiating and separating phenotypically distinct bacterial cells using chemical probes*'

17.15 – 18.10 **Anna Kuchina**, Institute for Systems Biology, Seattle, WA, USA (DIGITAL) - '*Uncovering bacterial phenotypic heterogeneity with high-throughput, instrument-free single-cell transcriptomics approach*'

18.30 Informal dinner at Ardna, Kick-off for workshop on Friday, Get-together

Friday, 8.9.2023

9.00 – 9.55 **Stephen Kidd**, University of Adelaide, Australia (DIGITAL) - '*Prolonged growth generates Staphylococcus aureus cell type diversity and antibiotic tolerance*'

10.00 – 10.55 **Stefano Pagliara**, University of Exeter, UK (DIGITAL) - '*Single-cell microfluidics unravel heterogeneities in key bacterial phenotypes*'

10.55 - 11.15 Coffee Break

11.15 – 13.00 Workshop

13.00 – 14.00 Lunch & Good-bye