

# MICROBIAL GENOMICS ECR SYMPOSIUM

Thursday 3rd July, 2025

9:30 – 16:45

Norwich Research Park,  
John Innes Conference Centre

Session 1, Chaired by Gabriel Astorga

09:30 – 10:00 → **Registration & Refreshments**

10:00 – 10:05 → Welcome and Introductions

10:05 – 10:15 Introduction to MicrobesNG

[Helen McNeil](#)

MicrobesNG

10:15 – 10:30 Engineering *Shewanella oneidensis* for improved platinum group metal recovery from industrial waste

[Leanne Sims](#)

Quadram Institute

10:30 – 10:45 Unlocking the Antimicrobial Potential of Environmental *Pseudomonas*

[Harshanie Dasanayaka](#)

John Innes Centre

10:45 – 11:00 High Molecular Weight DNA extraction for long read sequencing

[Steven Rudder](#)

Quadram Institute

11:00 – 11:15 Beyond aureus: Unveiling the SCCmec Landscape in Non-aureus Staphylococci

[Alison MacFadyen](#)

The Sainsbury Laboratory

11:15 – 11:30 Everything, Everywhere All at Once : a novel pipeline for Transposon Insertion Sequencing (TIS)

[Claire Hill](#)

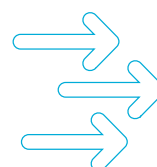
Quadram Institute

11:30 – 11:45 Genomic insights into newly isolated PGPRs' plant growth promotion features and biocontrol potential

[Nourelhouda Abdelkefi](#)

University of Sfax

11:45 – 13:15 → **Posters & Lunch**



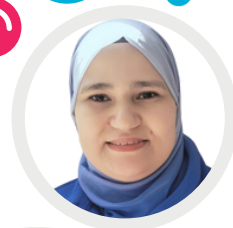


## Session 2, Chaired by Sam Mellor

13:15 – 13:30 Analysis of *Medicago truncatula* Endophytes: Biocontrol Potential and Genomic Insights

[Manel Chaouachi](#)

Center of Biotechnology of Borj Cédria



13:30 – 13:45 Mobile genetic elements associated with antimicrobial resistant *Vibrio* on seafood

[Samuel Bloomfield](#)

Quadram Institute



13:45 – 14:00 Unexpected genetic diversity among *Bodo* spp. flagellates and their bacterial endosymbionts

[Sally Warring](#)

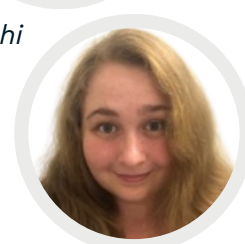
Earlham Institute



14:00 – 14:15 In it for the Long Haul: Genomic Insights into *Salmonella Paratyphi* A Carriage

[Alice Nisbet](#)

Quadram Institute



14:15– 14:30 Exploring Microbial Diversity in the Rhizospheres of DMSP-Producing and Non-Producing Plants

[Tamim Kabir](#)

University of East Anglia



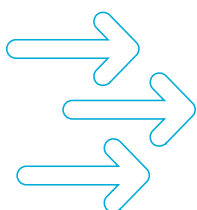
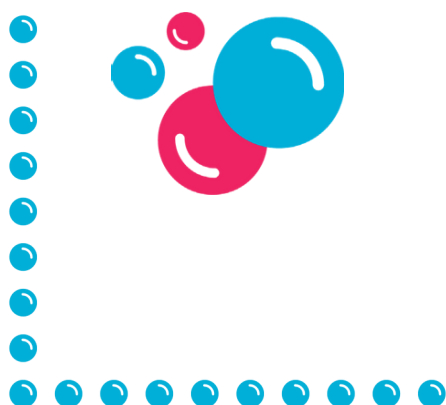
14:30 – 14:45 Genomic Insights into *Serratia* sp. 201: Potential for Plant Growth and Salt Stress Tolerance

[Naima Sayahi](#)

University of Sfax



14:45 – 15:15 **Posters & Refreshments**



## Session 3, Chaired by Alice Nisbet

15:15 – 15:30

Genomic and Metabolomic Perspectives on *Pseudomonas chlororaphis*

Izzah Shahid

Public University of Navarra



15:30 – 15:45

Exploring the essential genes for plasmid acceptance in *E. coli* and *S. Typhimurium*

Ho Yu Liu

Quadram Institute



15:45 – 16:00

Animal-microbe symbioses in pest insects

Katie Millar

University of East Anglia



16:00 – 16:15

Are we barking up the wrong tree?: Limited *E. coli* co-occurrence between humans and companion dogs

Gabriel Astorga

Quadram Institute



16:15 – 16:40

Pathogen surveillance through metagenomics: the next frontier?

Nick Loman

Professor of Microbial Genomics  
The University of Birmingham

PLENARY  
SPEAKER



16:40 – 16:45

Closing remarks & prizes

