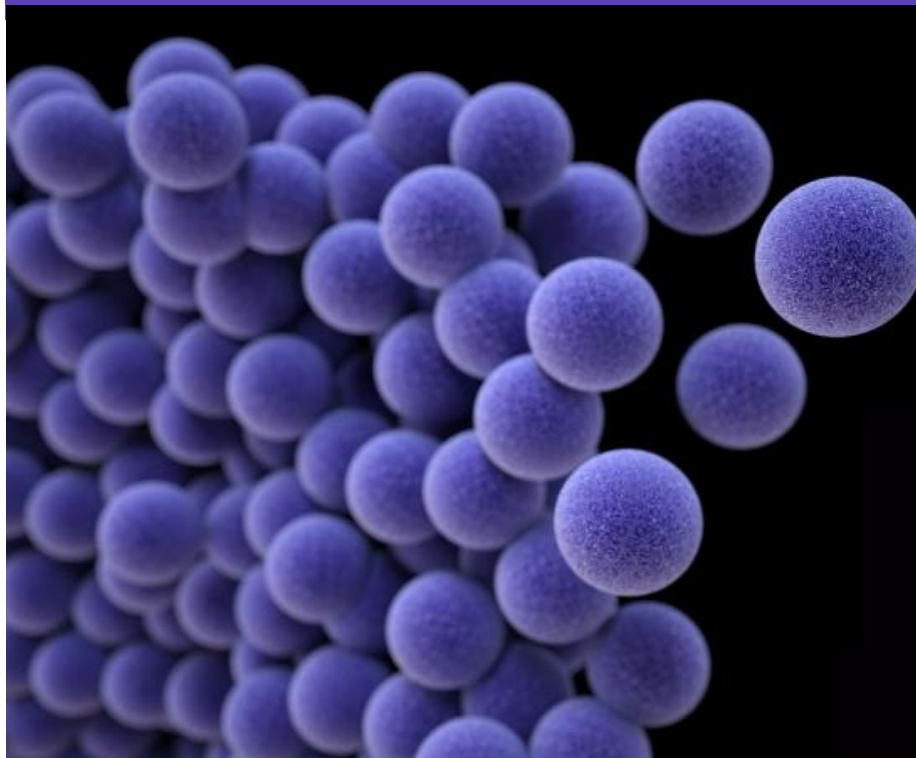




Mini-Symposium

Antimicrobial
Resistance and
evolution in
staphylococci

April 1st, 2016
ITQB, Oeiras

Hosts: Maria Miragaia and
Herminia de Lencastre

Centers for Disease Control and Prevention

PROGRAM

9:30 - On the trail of a Superbug: using genomics to trace the emergence and spread of pandemic Methicillin-resistant *Staphylococcus aureus*

Mathew TG Holden, School of Medicine, University of St Andrews, St Andrews, United Kingdom.

10:30 - Novel antimicrobial resistance genes in staphylococci from humans and animals

Stefan Schwarz, Friedrich Loeffler Institute, Greifswald, Germany.

15 min Break

11:45 - Speeding up evolution to anticipate antibiotic resistance in *Mycobacterium tuberculosis* and *Neisseria gonorrhoeae*

João Paulo Gomes, Instituto Ricardo Jorge, Lisbon, Portugal

14:30 - Steps in the evolution of the beta-lactam resistance determinant in staphylococci

Joana Rolo, PhD Thesis defense, Instituto de Tecnologia Química e Biológica, Oeiras, Portugal