



# ESGB

ESCMID STUDY GROUP  
FOR BIOFILMS

European Society of Clinical Microbiology and Infectious Diseases

## 'Slimes online meeting' - 31<sup>st</sup> of August and 1<sup>st</sup> of September 2021

### **31/08/2021 - 2 pm (14:00) to 4.40 pm (16:40) CET**

#### *Properties of biofilms*

14.00 – 14.05 Introduction

14.05 – 14.30 Boo Shan Tseng (Las Vegas, US) – Condition-dependent effects of OprF on *Pseudomonas aeruginosa* biofilm formation

14.30 – 14.55 Erin Gloag (Columbus, US) – Relevance of biofilm viscoelasticity to infection

14.55 – 15.20 Thomas Seviour (Singapore/Aarhus) – It's in their (e)DNA - G-quadruplex structures and *Pseudomonas* biofilms"

15.15 – 15.25 Break

#### *Biofilms in the urinary tract*

15.25 – 15.30 Introduction

15.30 – 16.00 Chelsie Armbruster (SUNY, US) – Polymicrobial catheter biofilms: composition and consequences

16.00 – 16.20 Franziska Schwartz (Copenhagen, Denmark) – Egg-yolk antibodies to prevent urinary tract infections

16.20 – 16.40 Sandra Wilks (Southampton, UK) – Understanding biofilm formation and the development of VBNC populations in urinary catheters

### **01/09/2021 - 10 am (10:00) to 12:40 pm (12:40) CET**

#### *Candida biofilms in the oral cavity and beyond*

10.00 – 10.05 Introduction

10.05 – 10.35 Chaminda Jayampath Seneviratne (Singapore) – Cross-kingdom interactions in fungal-bacterial mixed species biofilms: Friends or foes?"

10.35 – 10.55 Jason Brown (Glasgow, UK) – *Candida auris* heterogeneity: to aggregate or not to aggregate, that is the question?

10.55 – 11.15 Katrien Van Dyck (Leuven, BE) - Infectious synergism of *Candida albicans* and *Staphylococcus aureus*: partners in crime

11.15 – 11.25 Break

#### *Innovative treatments for biofilm infections*

11.25 – 11.30 Introduction

11.30 – 12.00 Joana Azeredo (Braga, Portugal) – Phage therapy to tackle biofilm related infections

12.00 – 12.20 Mona Bové (Gent, Belgium) – The quorum sensing inhibitor furanone C-30 rapidly loses its tobramycin potentiating activity against *Pseudomonas aeruginosa* biofilms during experimental evolution

12.20 – 12.40 Kirby Lattwein (Rotterdam, The Netherlands) – Treating biofilms using ultrasound-activated microbubbles

**Registration is free of charge but is mandatory; please go to <https://forms.gle/ArHWLJdJ11KEzLuN8> to register. The link to the meeting platform will be sent to you a couple of days before the meeting.**