

23rd-24th March, 2021. Virtual ENIUS Workshop.
Latest advances in Urinary Stents. Biomaterials, Technology and Coatings.

23rd March, 2021.

- **15.30-15.40h.** Welcome Workshop. Prof. G. Ciardelli, Dr. A. Barros, Dr. F. Soria.
- **15.40-16.00h. Dr. Qun Ren (EMPA, Switzerland).** Substrate Viscoelasticity plays an important role in bacterial adhesion.
- **16.00-16.20h. Dr. Syed Tofail (Bernal Institute-University of Limerick, Ireland).** Biodegradable stent coatings, an onion peel approach?
- **16.20-16.40h. Dr. Chaitra Venkatesh (Atholone Institute of Technology, Ireland).** Biodegradation and Antimicrobial Properties of Zinc Oxide–Polymer Composite Materials for Urinary Stent Application.
- **16.40-17.00h. Coffe Break.**
- **17.00-17.20h. Prof. Michael Walsh. (Bernal Institute-University of Limerick, Limerick, Ireland).** The development of a transurethral catheter safety valve. From bench to bedside.
- **17.20-17.40h. Dr. Eoghan Cunnane. (Bernal Institute-University of Limerick, Limerick, Ireland).** The biochemical and physical properties of the human male urethra, and their relation to urinary stenting.
- **17.40-18.00h. Prof. Yu-Fen Chang and Prof. Boris V. Balakin. (Western Norway University of Applied Sciences, Norway).** Noninvasive flow visualization and investigation for developing and assessing urinary stents using positron emission particle tracking.

24th March, 2021.

- **15.30-15.40h. Lessons learned.**
- **15.40-16.00h. Dr. Letizia Fracchia. (Università degli Studi del Piemonte Orientale Amedeo Avogadro, Vercelli, Italy).** Microbial biosurfactants: a novel approach for the inhibition of biofilm formation on medical-grade silicone.
- **16.00-16.20h. Dr. Jochen Salber. (Universitätsklinikum Knappschaftskrankenhaus Bochum, Germany).** Biomaterial-based strategies to prevent microbe-associated biofilm formation and encrustation of urinary tract implants.
- **16.20-16.30h. Coffe Break.**
- **16.30-17.45h. Virtual Trainees Oral Presentations.**
- **17.45-18.00h. Closing session. Prof. G. Ciardelli, Dr. A. Barros and Dr. F. Soria. Best Trainee Oral Paper Award.**

CONTACTS Organizers:

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