

2 February, 2019.

Materials, Technology, and Biomimetics as enabling tools for a new generation of Urinary Stents. Workshop.

- **9:30-9:45h.** Welcome Workshop. Prof. G. Ciardelli (WG5 leader), Dr. A. Barros (WG4 Leader), and Dr. F. Soria (ENIUS Chairman).
- **9:45-10.05h.** **Prof. Filipe Megulhão** (University of Porto, Portugal). Surface testing platforms to evaluate bacterial adhesion and biofilm formation under controlled hydrodynamics.
- **10.05-10.25h.** **Prof. Fabiola Moutinho** (i3s Consortium- University of Porto, Portugal). Antibiotic-free solutions for the development of biofilm prevention coatings.
- **10.25-10.45h.** **Dr. Marta Grochowicz.** (Maria Curie-Skłodowska University in Lublin. Poland). Composite organic/inorganic coatings for drug eluting ureteral stents.
- **10.45-11.05h.** Coffee break.
- **11:05-11.25h.** **Prof. Isabel A. C. Ribeiro.** (iMED. University of Lisbon. Portugal). Using antimicrobial biosurfactants towards the inhibition of biofilm formation.
- **11:25-11.45h.** **Prof. Magdalena Stevanovic.** (Institute of the Technical Sciences of the Serbian Academy of Sciences and Arts. Belgrade, Serbia). Polyester micro and nanosized systems with therapeutic functionality.
- **11:45-12.05h.** **Prof. Martijn Riool.** (Amsterdam, UMC. The Netherlands). Novel antimicrobial strategies to combat biomaterial-associated infections.
- **12:05-12.30h.** **Dr. Matteo Antoniotti** (AlviMedica). Drug-Eluting Stents: effective technologies in Cardiovascular field and their potential transfer.
- **12:30h-13.30h.** Lunch break.
- **13.30-14.00h.** **Prof. Daniel Yachia.** (Innoventions Ltd, Israel). Exploring the Problems of Urinary Stents Related to Materials and Designs.
- **14.00-15.00h.** Hands-on innovation session(3 or 4 Groups challenged to think about new designs and new biomaterials for the development of new stents and they have access to commercial available urinary stents).
- **15.30-15.45h.** Presentation and Discussion of the groups from Hands-on Innovation session.
- **15.45-16.10h.** Coffee break.
- **16.10-17.15h.** Trainees Poster session.
- **17.15-17.45h.** Conclusions of the Round Table Discussion.
- **17.45h.** Closing.