



ENIUS

EUROPEAN NETWORK OF MULTIDISCIPLINARY
RESEARCH TO IMPROVE THE URINARY STENTS



COST

EUROPEAN COOPERATION
IN SCIENCE AND TECHNOLOGY

7th March, 2020.

Advances in Urinary Stent technology. Workshop.

SERBIAN ACADEMY OF SCIENCES AND ARTS BELGRADE-SERBIA.

- **9:30-9:50h.** Welcome Workshop. Dr. N. Buchholz (WG6 leader), Dr. A. Abbou-Hassan (WG6 Vice-Leader), and Dr. F. Soria (ENIUS Chairman).
- **9:50-10.40h.** **Dr. N. Buchholz. (U-Merge, ESD, Chairman, UK).** What do urologists need to improve life and outcomes for their patients? Urinary Stents Improvements.
- **10.40-11.05h.** **Prof. T. Vladkova. (University of Chemical Technology and Metallurgy, Bulgaria).** Magnetron coatings inhibiting bacterial adhesion and biofilm formation.
- **11.05-11.30h.** Coffee break.
- **11:30-11.55h.** **Prof. A. Abou-Hassan. (Sorbonne University, France).** Physico-chemical microfluidic approach to renal lithiasis: can we learn something from it concerning urinary stents?
- **11:55-12.25h.** **Prof. S. Vainio. (University of Oulou, Finland).** Lower urinary tract tissue engineering tool box
- **12:30h.13.30h.** Lunch break.
- **13:30-13.55h.** **Dr. F. Clavica. (University of Bern, ARTORG Center, Switzerland).** Fluid mechanical modelling in the upper urinary tract.
- **13:55-14.20h.** **Dr. I. Claussen. (Invivo Bionics, Norway).** A novel in vivo sensor system for the management of urinary bladder dysfunction.
- **14.20-14.45h.** **Dr. P. de Graaft. (UMC Utrecht, Netherlands).** Tissue engineering for urethral reconstruction.
- **14.45-15.10h.** **Prof. Y. Missirlis. (University of Patras, Greece).** Controversies and key insights in long standing physiological and biological dogmas.
- **15.10-15.35h.** **Dr. Z. Markovic. (Vinca Institute of Nuclear Sciences, Serbia).** Photodynamic antibacterial therapy by polymer/graphene quantum dot composites.
- **15.35-16.00h.** Coffee break.
- **16.00-16.50h.** Round Table Discussion. What do we need to apply our research in Urinary stents improvements in patients? From bench to bedside. Moderators: N. Buchholz, A. Abou-Hassan and F. Soria. Speakers; J. DelaCruz; M. Riool; F. Moutinho; K. Bohinc.
- **16.50-17.45h.** Trainees Poster session.
- **17.45h.** Closing.