SMARTGEL - Smart nanogels of bio-based antimicrobials to prevent urinary tract infections by disrupting inter- and intra-species communication of pathogens

Kick-Off Meeting – September 18th, 2024

Agenda

September 18th, 2024 ***Location: Online*** ***Link:*** https://meet.google.com/wgg-xmex-kpz		
Time	***Title***	***Responsible person***
14:30 - 14:40	Opening of the Meeting Welcome	Coordinator (UPC)
14:40 – 14:55	**Project Overview:** Brief overview of SMARTGEL: concept, objectives and work plan	Dr. Kristina Ivanova (UPC)
14:55 – 15:20	**Partners Introduction** (5 min. each) Partners' organizations, activities and main responsibility in the project	Presenting: All partners Moderator - UPC
Tasks, overview and plan for the first 12 Months		
15:20 -15:30	Extraction and identification of new antimicrobial actives from natural sources	Dr. Iuliana Aprodu (UGAL)
15:30 -15:40	Development of smart antifouling, antibacterial and antibiofilm (3A) nanogels (NGs) formulations	Dr. Marin Simeonov (SU)
Break: 15:40-15:50		
15:50 – 16:00	Catheters functionalisation with 3A NGs	Dr. Kristina Ivanova (UPC)
16:00 - 16:10	Computational models of NGs and coatings interaction with host and biofilm cells	Dr. Noa Cohen (JCE)
16:10 – 16:20	In vitro and in vivo validation of the 3A NG-coated catheters	Prof. Robert Bucki (MUB)
16:20 - 16:30	**Final discussion**	**All partners**
Closure		