

3rd Symposium on “Nanoparticles in Biomedical Applications”

Date: 12 December 2023

Place: Biomedicum, Room D1012, Solnavägen 9, 17165 Solna, Sweden.

Time: 9.30-17.30

PROGRAM

09:30-10:00	Welcome fika
10:00-10:15	Georgios A. Sotiriou: Welcome from <i>Bionanomaterial Technology Laboratory at KI</i>
10:15-10:30	Alexandra Teleki: Welcome from <i>Pharmaceutical Nanotechnology Laboratory at UU</i>
10:30-10:50	Reshma Ramachandran, Inexpensive antibacterial nanofibrous wound dressing with flame-made Ag/SiO ₂ nanoparticles, KI
10:50-11:10	Krisztina Juriga, Nanofibrous drug delivery scaffolds for biomedical applications, UU
11:10-11:30	Andrea del Valle, Development of Trophoblast Targeting Nanoparticles for Treating Placenta Pathologies, KI
11:30-11:50	Paarkavi Udayakumar, Microneedle enabled drug delivery systems for treatment of gynecological diseases, UU
11:50-13:00	Lunch (provided)
13:00-13:20	Yuming Zhang, An inverted cell culture model to study magnetic hyperthermia for the treatment of colorectal cancer, UU
13:20-13:40	Maria Samara, Flame-made antimicrobial metal/metal oxide nanoparticles against antibiotic resistant bacteria for localized treatments, KI
13:40-14:00	Shno Asad, Click chemistry-based bioconjugation of nanoparticles for targeting of inflammatory bowel disease, UU
14:00-14:20	Shengtao Yu, Flame-made versatile Gallium-based nanoparticles as antibacterial agents, KI
14:20-15:00	Coffee break & fika
15:00-15:20	Invited talk, Juan Du, Microbiome in Cancer and Infections, KI
15:20-15:40	Anshika Maheshwari, Calcium phosphate nanoparticles as potential carriers for vaccines, KI
15:40-16:00	Yael Suarez, Journey through the Gut: Nanoparticle dynamics in the healthy and diseased state of the gastrointestinal tract, UU
16:00-16:20	Vasiliki Tsikourkitoudi, Engineering nanoparticles for drug delivery, KI
16:20-17:10	Keynote Lecture, Michael Malkoch, Precision Dendritic Frameworks suited for Biomedical Applications, KTH
17:10-17:30	Concluding remarks
17:30-23:00	Dinner at Faculty Club, Biomedicum 10 th floor, and Table Soccer (Foosball) tournament

Warm welcome!

Alexandra Teleki, Uppsala University & Georgios A. Sotiriou, Karolinska Institutet