

Turku Biomaterials Days 2024

Nanomaterials for Biomedical Applications

The topic for this year will provide useful information on the latest developments and applications of nanomaterials a cross healthcare industry and science

24th- 25th of October 2024 (Mauno Koivisto centre in BioCity/ Presidentti auditorium)



Thursday October 24th

11.45 – 12.00

Registration

12.00 – 12.10

Opening remarks

Prof. Pekka Vallittu

12.10 – 12.50

Dr. Erkkä Frankberg (Tampere University, Finland)

Ductile glass at room temperature and high strain rates

12.50 – 13.30

Prof. Xu Zhang (Jiangsu University, China)

Exosomes in cancer diagnosis and therapy

13.30 – 14.00

Dr. Arto Hiltunen (University of Turku, Finland)

Nanoplastic pollution in the environment

14.00-14.30

Poster Session and Coffee Break

14.30-15.10

Prof. Min Zhou (Zhejiang University, China)

Microalgae-Based Drug Delivery System

15.10-15.40

Dr. Shiqi Wang (University of Helsinki, Finland)

Polysaccharide-conjugated amphiphilic polymers for intracellular drug delivery

15.40 – 16.10

Dr. Vimalkumar Balasubramanian/ Bayer Oy

Nanoparticles in medicine: Evolution or revolution?

16.10-16.15

Closing remarks

16.30

Get-together Reception with Live Music and Gala Dinner (Joki Cave)

Friday October 25th

9.00 – 9.40

Dr. Cindy Elschner (Institute Polymer Materials, Germany)

Sustainable composites based on hydrolytically active glass fibres and bio-based coatings for medical and technical applications

9.40 – 10.20

Prof. Gianluca Turco (University of Trieste, Italy)

Nanostructured biomaterials: the role of roughness in promoting osteointegration

10.20 – 10.50

Poster Session and Coffee Break

10.50 – 11.30

Prof. Gilles Subra (University of Montpellier, France)

Marrying sol-gel and peptide chemistry to design bioactive materials

11.30 – 12.00

Dr. Sybil Obuobi (The Arctic University of Tromsø, Norway)

Tailoring drug delivery and antimicrobial properties: The role of nucleic acid nanostructure design

12.00

Closing remarks

Registration at:

<https://konsta.utu.fi/Default.aspx?tabid=88&tap=19877>

Welcome!