

BioMed

Biomaterials and Medical Devices Research Program

INVITATION

Turku Biomaterials Days 2025

Bio-based Materials in Healthcare

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

23th- 24th of October 2025 (Arje Scheinin hall/
Dentalia, 2nd floor)



UNIVERSITY
OF TURKU

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ACADEMIC EXCELLENCE IN LIFE SCIENCE AND MEDICINE



Thursday October 23th

11.45 – 12.00

Registration

12.00 – 12.15

Opening remarks

Prof. Pekka Vallittu

12.15 – 13.00

Prof. Line Hagner Nielsen (Technical University of Denmark)

Natural polymers for devices and formulations for non-invasive drug delivery

13.00 – 13.45

Prof. Nadine Nassif (Sorbonne University)

Liquid-crystal geometries in type I collagen-based biomaterials

13.45 – 14.15

Coffee Break and Networking

14.15-15.00

Prof. Marjo Yliperttula (University of Helsinki)

Nanofibrillated cellulose for wound care

15.00-15.45

Dr. Anni Möro (Tampere University & LifeGlue Technologies Oy)

Translating bioprinting from lab to clinics: development of animal-free bioink platform

15.45 – 16:45

Junior Researchers' Presentations (20 min each)

Dr. Camila B. Tovani (Sorbonne University)

Biomimetic scaffolds from injectable collagen microparticles

Dr. Sherif Mohamad (University of Turku)

Therapeutics from Nature: Mineralised Cellulose-based Gels for Hard Tissue Regeneration

Dr. Zahra Gounani (University of Helsinki)

Cellulose hydrogel as reservoir for triggered drug release

16.45

Closing remarks

17:00 Gala dinner with live music (Joki Cave)

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Friday October 24th

9.15 – 10.00

Dr. Janne Koivisto (Tampere University)

Development of hydrogels and their characterization methods for disease modeling applications

10.00 – 10.25

Dr. Faleh Abushahba (University of Turku)

Biomineralization-inspired approaches to improve biomaterial-tissue interfaces

10.25 – 11.00

Coffee Break and Networking

11.00 – 11.30

Dr. Xiaoju Wang (Åbo Akademi)

Design of sustainable bionanomaterials from wood polysaccharides and polyphenols interfacing with cells or bacteria

11.30 – 12.00

Pasi Kaskinen (Brinter AM Technologies Ltd)

Putting 20 years of Additive Manufacturing experience into practical applications

12.00

Closing remarks

Registration at:

<https://konsta.utu.fi/Default.aspx?tabid=88&tap=22885>

Welcome!