

## Turku Biomaterials Days 2021

### Cutting hard/soft tissues and biomaterials

---

*The topic for this year will provide useful information on the process of cutting hard and soft tissues as well as the tissue response to different cutting processes*

---

28<sup>th</sup>- 29<sup>th</sup> of October 2021 (Virtual event)



#### Thursday October 28<sup>th</sup>

12.00 – 12.10

##### Opening remarks

Prof. Pekka Vallittu, Dean Institute of Dentistry, University of Turku, Finland

12.10 – 12.50

##### Development of bioceramics with life functions

Prof. Mamoru Aizawa, Meiji University, Japan

12.50 – 13.30

##### Soft tissue cutting systems in neurosurgery and tissue response

Dr. Olli-Pekka Kämäräinen, University of Eastern Finland

13.30 – 13.45

##### Break

13.45 – 14.25

##### Molecular dissection of the bone-biomaterial interface

Adjunct Prof. Omar Omar, University of Gothenburg, Sweden

14.30 – 15.15

##### Principles of Carious Tissue Removal

Prof. Falk Schwendicke, Charité-Universitätsmedizin Berlin, Germany

15.30

##### First day closing remarks

#### Friday October 29<sup>th</sup>

9.00 – 9.40

##### The role of inflammation upon bone trauma healing

Adjunct Prof. Jorma Määttä, University of Turku, Finland

9.40 – 10.15

##### Cutting mechanics

Prof. Antti Salminen, University of Turku, Finland

Organizers:

BioCity Turku Biomaterials and Medical Device  
Research Program and Turku Science Park Ltd

**10.15 – 10.30**

**Safe bone surgery**

Bijan Bayat Mokhtari, Surgify Medical Oy, Finland

**10.30 – 10.45**

**Break**

**10.45 – 12:00**

**Presentations PhD candidates**

10.45 – 11.00: Faleh Abushahba, University of Turku

11.00 – 11.15: Tekla Sáry, University of Szeged

11.15 – 11.30: Yoshiki Ishida, Nippon Dental University

11.30 – 11.45: Qingbo Wang, Åbo Akademi

11.45 – 12.00: Yin Gu, Hongkong University

**12.00**

**Closing remarks**

Prof. Pekka Vallittu

**Registration at :**

<https://konsta.utu.fi/Default.aspx?tabid=88&tap=11205>

**Welcome!**