

# 9<sup>th</sup> BIOMATERIALS DAYS



Nov 17-18, 2022

Venue: Zoom

## REGISTRATION



<https://tinyurl.com/biomaterials22>



ORGANIZED BY



Bora Garipcan  
Biomimetic and Bioinspired Biomaterials  
**laBORAtory**



Sedat Odabaş  
**bteLAB**  
BIOMATERIALS and TISSUE ENGINEERING  
RESEARCH LABORATORY



Kadriye Tuzlakoğlu  
**BIOMATERİYALOVA**



Pınar Yılıgör Huri  
Ankara University  
Musculoskeletal Tissue Engineering  
Laboratory  
MTELab

# 9<sup>th</sup> BIOMATERIALS DAYS

Thursday, November 17

09:15-09:30 Opening

## SESSION 1 | CHAIR: Kadriye Tuzlakoğlu – Batur Ercan

09:30-10:10



**Kerem Pekkan**

*Koç University,  
Turkey*

*Experiments and models  
to understand  
cardiovascular  
microstructure*

10:10-10:50



**Çağlar Elbüken**

*University of Oulu,  
Finland*

*Microfluidic liposome  
manufacturing*

11:00-11:40

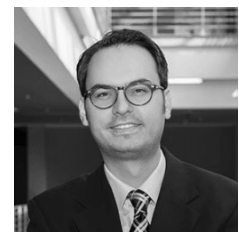


**Lihi Abramovich**

*Tel Aviv University,  
Israel*

*Designing New Bioinspired  
3D-Hydrogels for Bone-  
Tissue Regeneration*

11:40-12:20



**Sedat Nizamoglu**

*Koç University,  
Turkey*

*Electronic Neurostimulation  
Devices Using Light*



Coffee Break  
10:50-11:00



Lunch Break  
12:20-14:00

## SESSION 2 | CHAIR: Bora Garipcan – Pınar Yılgör Huri

14:00-14:40



**Babatunde Okesola**

*University of Nottingham,  
United Kingdom*

*From biomolecules to  
bioinstructive biomaterials*

14:40-15:20



**Vitor Gaspar**

*University of Aveiro-  
CICECO, Portugal*

*Bottom-up Engineering of  
Living Architectures:  
Exploring Cell-Biomaterial  
Synergies*

15:20-16:00



**Görkem Saygılı**

*University of Tilburg,  
the Netherlands*

*Derin Öğrenmenin  
Temelleri ve Tıbbi Alana  
Uygulamaları*

16:10-16:50



**Oleg Gang**

*Columbia University,  
United States*

*Programmable  
Assembly of Nanoscale  
Materials*

17:00-18:00



**Poster Session**



Scan For More Information



Coffee Break  
16:00-16:10

# 9<sup>th</sup> BIOMATERIALS DAYS

Friday, November 18

## SESSION 3 | CHAIR: Gamze Torun Köse

MEMORIAL SESSION FOR PROF. FATMA NEŞE KÖK and PROF. MEHMET MUTLU

09:40-10:00



**Gizem Kaleli Can**  
İzmir Democracy  
University, Turkey

10:00-10:20



**Dilek Çökeliler**  
**Serdaroğlu**  
Başkent University,  
Turkey

10:40-11:00



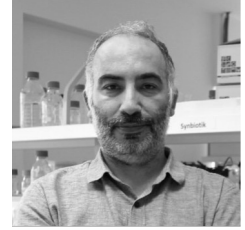
**Erkan Türker Baran**  
University of Health  
Sciences, Turkey

11:00-11:20



**Fatih İnci**  
Bilkent University,  
Turkey

11:20-11:40



**Urartu Şeker**  
Bilkent University,  
Turkey



Coffee Break  
10:20-10:40



Lunch Break  
11:40-13:00

## SESSION 4 | CHAIR: Sedat Odabaş – Eda Ayşe Aksoy | SESSION 5 INDUSTRIAL SESSION: SUCCESS STORIES

13:00-13:40



**Can Dinçer**  
University of  
Freiburg,  
Germany  
Next-generation  
biosensors

13:40-14:20



**Oliver Lieleg**  
Technical University  
Munich,  
Germany  
Mucin-based  
nanoparticles and films  
for drug delivery and  
wound healing

14:20-15:00



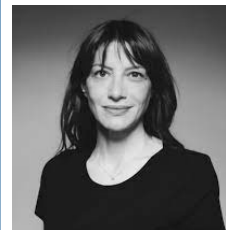
**Markus Rottmar**  
EMPA,  
Switzerland  
Steering cell  
responses and wound  
healing by materials  
design

15:10-15:30



**N. Engin Vrana**  
SPARTHA Medical,  
France  
Biopolymer-based  
Personalized Coatings  
for Improving Medical  
Device Performance

15:10-15:30



**Emel Sokullu**  
Zetamatrix, Koc  
University  
Turkey  
Next generation bioinks  
for 3D cell culture and  
bioprinter applications

15:30-15:50



**Gamze Kara Mağden**  
Bugamed,  
Turkey



Coffee Break  
15:00-15:10