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# BIOENGINEERING APPROACHES IN CANCER AND DEVELOPMENT SYMPOSIUM



**DATE**  
**29 September**  
**2023**

**LOCATION**

**Karadeniz Technical University, Medical School  
İnal Aydın Amphitheater, Trabzon / TÜRKİYE**

MORE INFO AT [www.ktu.edu.tr/bmmtip/abouttheprogram](http://www.ktu.edu.tr/bmmtip/abouttheprogram)

SEPTEMBER 29, 2023 | FRIDAY

9:00 AM-9:15 AM WELCOME AND INTRODUCTION

9:15 AM - 10:00 AM

**Luis Villa-Diaz**, Oakland University, Michigan, United States

*"Engineering Surfaces to Enhance Human Pluripotent Stem Cells' Biological Functions"*

10:00 AM-10:15 AM DISCUSSION

**Özlem Yeşil-Çeliktaş**, Ege University, Izmir, Türkiye

*"Organ-on-Chips as Versatile Tools to Leverage Translation to the Clinic"*

11:00 AM- 11:15 AM DISCUSSION

**Tuba Dincer**, Karadeniz Technical University, Trabzon, Türkiye

*"In vitro Models to Study Skin Development and Diseases"*

12:00 PM- 12:15 PM DISCUSSION

12:15 PM- 1:00 PM LUNCH

**Tamer Önder**, Koç University, Istanbul, Türkiye

*"New Technologies for the Production of Personalized Pluripotent Stem Cells"*

1:45 PM-2:00 PM DISCUSSION

**Tuğba Topal**, Karadeniz Technical University, Trabzon, Türkiye

*"Forcing Stem Cells to Behave"*

2:30 PM- 2:45 PM DISCUSSION

2:45 PM - 3:00 PM COFFEE BREAK

**Daniel Twohig**, Lund University, Sweden [Online]

*"IndiCell: A GMP production pipeline for autologous cell therapy"*

3:45 PM - 4:00PM DISCUSSION

**Mazhar Adli**, Northwestern University, Illinois, United States [Online]

*"CRISPR Screening and re-engineering genome to characterize all human genes"*

4:45PM- 5:00 PM DISCUSSION

5:00 pm - 6: 00 pm Visiting University Facilities

6:00 PM DINNER

**Chair: Tuğba Topal**

**Co-Chairs: Özlen Balta, Gizem Tatar-Yılmaz**