

# Bioengineering Approaches in Cancer and Development Symposium

Chair: Tugba Topal  
Vice-Chairs: Ozlen Balta, Gizem Tatar

September 29, 2023  
Karadeniz Technical University, Medical School  
Trabzon, Türkiye

Website: <https://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	<b>Luis Villa-Diaz</b> , Oakland University, Michigan, United States <i>"Engineering Surfaces to Enhance Human Pluripotent Stem Cells' Biological Functions"</i>
10:00 am-10:15 am	Discussion
10:15 am -11:00 am	<b>Özlem Yeşil-Çeliktaş</b> , Ege University, Izmir, Türkiye <i>"Organ-on-Chips as Versatile Tools to Leverage Translation to the Clinic"</i>
11:00 am- 11:15 am	Discussion
11:15 am- 12:00 pm	<b>Tuba Dincer</b> , Karadeniz Technical University, Trabzon, Türkiye <i>"In vitro Models to Study Skin Development and Diseases"</i>
12:00 pm- 12:15 pm	Discussion
12:15 pm- 1:00pm	Lunch
1:00 pm – 1:45pm	<b>Tamer Önder</b> , Koç University, Istanbul, Türkiye <i>"New Technologies for the Production of Personalized Pluripotent Stem Cells"</i>
1:45 pm-2:00 pm	Discussion
2:00 pm- 2:30 pm	<b>Tuğba Topal</b> , Karadeniz Technical University, Trabzon, Türkiye <i>"Forcing Stem Cells to Behave"</i>
2:30 pm- 2:45 pm	Discussion
2:45 pm – 3:00 pm	Coffee Break
3:00 pm – 3:45 pm	<b>Daniel Twohig</b> , Lund University, Sweden [Online] <i>"IndiCell: A GMP production pipeline for autologous cell therapy"</i>
3:45 pm – 4:00pm	Discussion
4:00 pm – 4:45 pm	<b>Mazhar Adli</b> , Northwestern University, Illinois, United States [Online] <i>"CRISPR Screening and re-engineering genome to characterize all human genes"</i>
4:45pm- 5:00 pm	Discussion
5:00 pm – 6: 00 pm	Visiting University Facilities
6:00 pm	<b>Dinner</b>