



Luis Villa-Diaz
Oakland University,
Michigan, United States
"Engineering Surfaces to Enhance Human Pluripotent Stem Cells'
Biological Functions"



Özlem Yeşil Çelikaş
Ege University,
Izmir, Türkiye
"Organ-on-Chips as Versatile Tools to Leverage
Translation to the Clinic"



Tuba Dincer
Karadeniz Technical University,
Trabzon, Türkiye
"In vitro Models to Study Skin Development and Diseases"



Tamer Önder
Koç University,
Istanbul, Türkiye
"New Technologies for the Production of Personalized
Pluripotent Stem Cells"



Tuğba Topal,
Karadeniz Technical University,
Trabzon, Türkiye
"Forcing Stem Cells to Behave"



Daniel Twohig
Lund University,
Sweden [Online]
"IndiCell: A GMP production pipeline for autologous cell therapy"



Mazhar Adli
Northwestern University,
Illinois, United States [Online]
"CRISPR Screening and re-engineering genome to characterize
all human genes"



BIOENGINEERING APPROACHES IN CANCER AND DEVELOPMENT SYMPOSIUM

The Bioengineering Approaches in Cancer and Development workshop is a program covering a variety of strategies and techniques that use principles from the field of bio-engineering to examine and address aspects of development and tissue engineering as well as the challenges of cancer.

MORE INFO AT www.ktu.edu.tr/bmmtip/abouttheprogram



DATE
September
28-29, 2023

TIME
Karadeniz Technical University, Medical School
Trabzon / TÜRKİYE

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

10:15 am -11:00 am Özlem Yeşil-Çelikaş, Ege University, Izmir, Türkiye
"Organ-on-Chips as Versatile Tools to Leverage Translation to the Clinic"

11:00 AM- 11:15 AM DISCUSSION

11:15 am- 12:00 pm 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

1:00 pm - 1:45pm Tamer Önder, Koç University, Istanbul, Türkiye
"New Technologies for the Production of Personalized Pluripotent Stem Cells"

1:45 PM-2:00 PM DISCUSSION

2:00 pm- 2:30 pm 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

3:00 pm - 3:45 pm **Daniel Twohig**, Lund University, Sweden [Online]
"IndiCell: A GMP production pipeline for autologous cell therapy"

3:45 PM - 4:00PM DISCUSSION

4:00 pm - 4:45 pm **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



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Itinerary 2023

September 28, 2023 | Thursday

Arrival to Trabzon
Visiting Ayasofya, Atatürk Kosku

September 29, 2023 | Friday

Symposium

September 30, 2023 | Saturday

September 30, 2023 | Saturday

Visiting Sumela Monastery (depending on the time of the flights)
Departure

Organizing Committee

Chair	Tugba Topal, PhD	Karadeniz Technical University
Vice-Chair	Gizem Tatar-Yilmaz, PhD	Karadeniz Technical University
	Tevfik Tamer Onder, PhD	Koc University
	Ozlem Yesil Celiktas, PhD	Ege University
	Fatih Inci, PhD	Bilkent University

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Mustafa Aslan, PhD	Karadeniz Technical University Material Science & Engineering
Ozlen Balta, MD	Karadeniz Technical University Medicine

KTU Organizing Board

Onder Aydemir, PhD	Karadeniz Technical University Electric & Electronic Engineering
Ersan Kalay, PhD	Karadeniz Technical University Medicinal Biology
Figen Celep-Eyupoglu, PhD	Karadeniz Technical University Medicinal Biology



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