

MSC.EMRAH ÇELEN

BIOMEDICAL ENGINEER

PERSONAL INFORMATION

Name - Surname : Emrah ÇELEN
Date of Birth : 04 July 1998
Place of Birth : Beyoğlu
Nationality : Turkish

WORK EXPERIENCE

Polymer Institute of the Slovak Academy of the Sciences
February 2023 -

Researcher

Polymer Institute of the Slovak Academy of the Sciences
June - November • 2022

Researcher

TOBB University of Economics and Technology, Ankara, Turkey
May - September • 2020

Entrepreneur

Hacettepe University Chemical Engineering Laboratory, Ankara, Turkey
September - December 2019

Researcher

Association of All Medical Device Manufacturers, Ankara, Turkey
June - August 2018

Operator

CONTACT

Address : Dúbravská cesta 5799/9, 845 41
Karlova Ves, Bratislava, Slovak Republic
GSM : +421 949 645 316
E-mail - 1: emrahcelen.98@gmail.com
E-mail - 2: upolemce@savba.sk

EDUCATION

Atilım University (Full Scholarship), Metallurgical and Materials Engineering Thesis Master Program
Ankara, Türkiye • 2020 - 2023

GPA: 3.79/4.00

TOBB University of Economics and Technology (Half Scholarship), Biomedical Engineering, Ankara, Türkiye • 2016-2020

GPA: 2.91/4.00

Private Elvankent Sınav High School, Ankara, Türkiye • 2015-2016

GPA:84.76/100

Elvankent Bilgi Anatolian High School, Ankara, Türkiye • 2012-2015

HOBBIES

- Listening and Recording Podcasts about Movies and Books
- Pixel art
- Growing Plants
- Watercolour
- Video and Tabletop Games

RESEARCH AREAS

- Tissue Engineering
- Biomaterials
- Polymers and Composite Materials
- Surface Modifications
- Low Pressure and Radio Frequency Plasma Polymerization
- Electrospinning

ABILITIES

MS Office	● ● ● ● ●
C Coding	● ● ● ● ●
MathCad	● ● ● ● ●
HyperChem	● ● ● ● ●
ImageJ	● ● ● ● ●
Origin	● ● ● ● ●

LANGUAGES

English	● ● ● ● ●
German	● ● ● ● ●

PROJECTS

- TÜBİTAK 2209/A "Prevention of Bacterial Colonization on Dental Implants via Plasma Polymerization" Project, 2020.

PUBLICATIONS

- "Izgis, Hursima, et al. "Manufacturing of Zinc Oxide Nanoparticle (ZnO NP)-Loaded Polyvinyl Alcohol (PVA) Nanostructured Mats Using Ginger Extract for Tissue Engineering Applications." Nanomaterials 12.17 (2022): 3040." doi: 10.3390/nano12173040.

SCHOLARSHIPS

- COST 20114 Short Term Scientific Mission "COMPARISON OF GLUTARALDEHYDE VAPOR AND ARGON PLASMA CROSSLINKED COAXIALLY ELECTROSPUN PEDOT: PSS - CNT/pHEMA CORE-SHELL FIBERS"
- Erasmus+ Internship "DEVELOPMENT OF ELECTRICALLY CONDUCTIVE COAXIALLY ELECTROSPUN PEDOT:PSS-CNT/pHEMA CORE - SHELL COMPOSITE FIBER MATERIAL FOR TISSUE ENGINEERING APPLICATIONS"

REFERENCES

Mgr., DrSc. Jaroslav Mosnáček, Polymer Institute SAS

Dúbravská cesta 5799/9, 845 41 Karlova Ves, Bratislava, Slovak Republic

Phone: +421-2-3229 4308

E-mail: jaroslav.mosnacek@savba.sk

Dr. Hatice Ferda Özgüzar, TOBB University of Economics and Technology

Söğütözü Caddesi No:43, Söğütözü, Ankara, 06560 Türkiye

Phone: +90 555 734 10 01

E-mail: hfozguzar@etu.edu.tr