

ÖZGEÇMİŞ

Adı Soyadı : M. Özgen ÖZTÜRK ÖNCEL

Doğum Tarihi : 04.06.1988

Öğrenim durumu : Doktora

Derece	Alan	Üniversite	Yıl
Lisans	Kimya Mühendisliği	Hacettepe Üniversitesi	2011
Lisans (Erasmus)	Kimya Mühendisliği	RWTH Aachen	2010
Yüksek Lisans	Biyomedikal Mühendisliği	Boğaziçi Üniversitesi	2014
Doktora	Biyomedikal Mühendisliği	Boğaziçi Üniversitesi	2020 (beklenen)

Yayınlar

Uluslararası Kitap Bölümleri

Öztürk Öncel, Meftune Özgen; Garipcan, Bora; İnci Fatih. “Biomedical Applications: Liposomes and Supported Lipid Bilayers for Diagnostics, Theranostics, Imaging, Vaccine Formulation, and Tissue Engineering”. *Biomimetic Lipid Membranes: Fundamentals, Applications, and Commercialization*, Springer, 2019.

Öztürk Öncel, Meftune Özgen; Garipcan, Bora. “Stem Cell Behavior on Microenvironment Mimicked Surfaces”. *Advanced Surfaces for Stem Cell Research*, 2016.

Uluslararası bilimsel toplantılarda sunulan bildiriler

Öztürk Öncel, Meftune Özgen; Heras Bautista, Carlos; Uzun, Lokman; Hür, Deniz; Pfannkuche, Kurt; Garipcan, Bora. “Effect of Conventional Self-Assembled Molecules with Different Functional Groups on Cardiac Differentiation of Induced Pluripotent Stem Cells”. *ESB 2019*, 2019.

Öztürk Öncel, Meftune Özgen; Heras Bautista, Carlos; Uzun, Lokman; Hür, Deniz; Pfannkuche, Kurt; Garipcan, Bora. “Enhancement of Polydimethylsiloxane’s Surface Properties for the Expansion of Murine Induced Pluripotent Stem Cells”. *The annual meeting of the Scandinavian Society for Biomaterials*, 2018.

Öztürk Öncel, Meftune Özgen; Uzun, Lokman; Hür, Deniz; Garipcan, Bora. “Preparation and Characterization of Novel Polydimethylsiloxane Cell Substrates to Enhance Osteoblast Behavior in vitro”. *EORS 2018*, 2018.

Öztürk Öncel, Meftune Özgen; Heras Bautista, Carlos; Uzun, Lokman; Hür, Deniz; Pfannkuche, Kurt; Garipcan, Bora. “Surface engineered substrates for the differentiation of murine induced pluripotent stem cell into cardiomyocytes”. *ESB 2017*, 2017.

Öztürk Meftune Özgen; Hür Deniz; Uzun Lokman; Çelebi Saltık Betül; Kiliç Emine; Çetinkaya Fahriye Duygu; Garipcan Bora. “Bioinspired cartilage surfaces for chondrogenic stem cell differentiation”. *Embo Workshop, Stem Cell Mechanobiology in Development and Disease*, 2015.

Öztürk Meftune Özgen; Hür Deniz; Uzun Lokman; Çelebi Saltık Betül; Kiliç Emine; Çetinkaya Fahriye Duygu; Garipcan Bora. “Surface Engineered Substrates for Chondrogenic Stem Cell Differentiation”, *World Conference on Regenerative Medicine*, 2015.

Ulusal bilimsel toplantılarda sunulan bildiriler

Öztürk Öncel Meftune Özgen; Özgün Alp; Arslan Onur; Marçalı Merve; Rasier Rifat; Elbüken Çağlar; Garipcan Bora. “Kornea Endotelyum Mikroçevresi Benzeri Yüzeylelerin Biyotaklit ve Biyoesinlenme Yaklaşımları ile Hazırlanması”. *XX.Biyomedikal Mühendisliği Ulusal Toplantısı*, 2016.

Projeler

Development of biomatrices to direct human induced pluripotent stem cells towards cardiac differentiation (BIOMICARD), TÜBİTAK-BMBF Inten-C, 2014-2017, Boğaziçi University Biomedical Engineering – University of Cologne Institute of Neurophysiology, Germany. Research assistant.

The effects of Surface Properties on Chondrogenic Stem Cell Differentiation, Boğaziçi University Research Fund, 2013. Research assistant.

Controlled and Directed Stem Cell Differentiation of Stem Cells on Ti Surfaces, Boğaziçi University Research Fund, 2013. Research assistant.

Synthesis, Characterization and Applications of Novel Amido Amino Acid Self-Assembled Molecules, TBAG, 112T564 TUBİTAK, 2012. Research assistant.