

Asst. Prof. DİDEM MİMİROĞLU

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: ABA-1551-2020

Yoksis Researcher ID: 225812

Education Information

Doctorate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Biochemistry, Turkey
2015 - 2022

Postgraduate, Ankara University, Biyoteknoloji Enstitüsü, Biyoteknoloji Anabilim Dalı, Turkey 2013 - 2015

Undergraduate, Ege University, Faculty of Science, Biochemistry, Turkey 2008 - 2013

Dissertations

Doctorate, The Effect of Nanophase Surface Topography on Adhesion, Proliferation and Gene Expression of Neuronal Cells, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Biochemistry, 2022

Postgraduate, Microbial Production and Purification of Hyaluronic Acid, Ankara University, Biyoteknoloji Enstitüsü, Biyoteknoloji Anabilim Dalı, 2015

Research Areas

Biomedical Engineering, Polymeric Materials, Biomaterials, Nanomaterials, Biochemistry, Biotechnology, Biomaterial, Molecular Biology and Genetics, Neurobiology, Biochemistry

Academic Titles / Tasks

Assistant Professor, Sivas Cumhuriyet University, Fen Fakültesi, Biyokimya Bölümü, 2022 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Synergistic effect of nanostructured topography and CNF incorporation into silk fibroin films enhances mouse neuroblastoma cell functions**
MİMİROĞLU D., TUFAN Y., YANIK T., ERCAN B.
Surfaces and Interfaces, vol.45, 2024 (SCI-Expanded)
- II. **Nanophase surface arrays on poly (lactic-co-glycolic acid) upregulate neural cell functions**
MİMİROĞLU D., YANIK T., ERCAN B.

Articles Published in Other Journals

- I. **Nanofeature Size and Morphology of Tantalum Oxide Surfaces Control Osteoblast Functions**
Uslu E., Mimiroğlu D., Ercan B.
ACS APPLIED BIO MATERIALS, vol.4, no.1, pp.780-794, 2021 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Nanophase surface roughness enhances neural cell functions**
MİMİROĞLU D., YANIK T., ERCAN B.
31st Conference of the European Society for Biomaterials (ESB2021), Porto, Portugal, 05 September 2021
- II. **The Effect of PDMS Nanophase Surface Topography on Cellular Proliferation**
MİMİROĞLU D., YANIK T., ERCAN B.
24. Uluslararası Biyomedikal Bilim ve Teknoloji Sempozyumu (BIOMED), 17 - 20 October 2019
- III. **Microbial Production and Purification of Hyaluronic Acid**
MİMİROĞLU D., YAZIHAN N.
6th International Congress on Molecular Biology and Biotechnology, 22 - 25 December 2017
- IV. **In Vivo Studies Of The Scaffolds For Wound Healing**
DEMİRBİLEK M., MİMİROĞLU D., YAZIHAN N.
21st International Biomaterial Science And Technology Symposium, 22 - 24 October 2015

Metrics

Publication: 7

Citation (Scopus): 8

H-Index (Scopus): 1

Entrepreneurship Activities

Limited, DN Biyomed Yaşam Bilimleri LTD. ŞTİ., 11 January 2018, Co-Founder

Non Academic Experience

Company, DN Biyomed Life Sciences Limited Company, Administration
DN Biyomed Yaşam Bilimleri Ltd. Şti