

## Res. Asst. DİDEM MİMİROĞLU

### Personal Information

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### Education Information

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

Postgraduate, Ankara University, Institute Of Biotechnology, Turkey 2013 - 2015

Undergraduate, Ege University, Faculty Of Science, Biyokimya Bölümü, Turkey 2008 - 2013

### Dissertations

Postgraduate, Mikrobiyal hyaluronik asit üretimi ve saflaştırılması, Ankara University, Institute Of Biotechnology, 2015

### Research Areas

Biomedical Engineering, Chemical and Electrochemical Properties, Biomaterials, Life Sciences, Biochemistry, Biotechnology, Molecular Biology and Genetics, Neurobiology, Natural Sciences

### Academic Titles / Tasks

Research Assistant, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Biochemistry, 2016 - Continues

Research Assistant, Sivas Cumhuriyet University, Fen Fakültesi, Biyokimya Bölümü, 2015 - 2016

### Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- Nanophase surface arrays on poly (lactic-co-glycolic acid) upregulate neural cell functions**  
Mimiroğlu D., Yanık T., Ercan B.  
Journal of Biomedical Materials Research - Part A, vol.110, no.1, pp.64-75, 2022 (Journal Indexed in SCI)

### Articles Published in Other Journals

- Nanofeature Size and Morphology of Tantalum Oxide Surfaces Control Osteoblast Functions**  
USLU E., MİMİROĞLU D., ERCAN B.  
ACS APPLIED BIO MATERIALS, vol.4, no.1, pp.780-794, 2021 (Journal Indexed in ESCI)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Nanophase surface roughness enhances neural cell functions**  
Mimirođlu D., Yanık T., Ercan B.  
31st Conference of the European Society for Biomaterials (ESB2021), Porto, Portugal, 5 - 09 September 2021, pp.1876-1877
- II. **The Effect of PDMS Nanophase Surface Topography on Cellular Proliferation**  
MİMİROĐLU 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**  
MİMİROĐLU 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**  
DEMİRBILEK M., MİMİROĐLU D., YAZIHAN N.  
21st International Biomaterial Science And Technology Symposium, 22 - 24 October 2015

## Supported Projects

MİMİROĐLU D., TUBITAK Project, Nanoboyutlu Yüzey Pürüzlülüđünün Nöral Hücre Davranışlarına Etkisi, 2018 - 2019  
SON Ç. D. , ZABCI S., İZGÜ K. F. , DOĐAN M., KOCABIYIK S., MİMİROĐLU D., Project Supported by Higher Education Institutions, Kokain ve Amfetaminle Regüle Edilen Transcript (CART) ile uyarılan fare hipofiz bezi hücre hattında p-ERK yanıtının incelenmesi, 2017 - 2017

## Entrepreneurship Activities

Limited, DN Biyomed Yaşam Bilimleri Ltd. Şti, 11 January 2018, Co-Founder