

## Dr. Öğr. Üyesi MESUDE BİÇER ÇALIŞKAN

### Kişisel Bilgiler

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### Eğitim Bilgileri

Post Doktora, University of Reading, Faculty of Pharmacy , Biomedical Department , Birleşik Krallık 2021 - 2021

Bütünleşik Doktora, University of Reading, Faculty of Pharmacy , Biomedical Department, Birleşik Krallık 2017 - 2021

### Araştırma Alanları

Sağlık Bilimleri, Temel Bilimler

### SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Revolutionizing dermatology: harnessing mesenchymal stem/stromal cells and exosomes in 3D platform for skin regeneration.**  
Bicer M.  
Archives of dermatological research, cilt.316, sa.6, ss.242, 2024 (SCI-Expanded)
- II. **Exploring therapeutic avenues: mesenchymal stem/stromal cells and exosomes in confronting enigmatic biofilm-producing fungi.**  
Bicer M.  
Archives of microbiology, cilt.206, sa.1, ss.11, 2023 (SCI-Expanded)
- III. **Can mesenchymal stem/stromal cells and their secretomes combat bacterial persisters?**  
Bicer M., FİDAN Ö.  
World Journal of Microbiology and Biotechnology, cilt.39, sa.10, 2023 (SCI-Expanded)
- IV. **Time-Dependent Reduction of Calcium Oscillations in Adipose-Derived Stem Cells Differentiating towards Adipogenic and Osteogenic Lineage**  
Torre E. C., Bicer M., Cottrell G. S., Widera D., Tamagnini F.  
BIOMOLECULES, cilt.11, sa.10, 2021 (SCI-Expanded)
- V. **Impact of 3D cell culture on bone regeneration potential of mesenchymal stromal cells**  
Bicer M., Cottrell G. S., Widera D.  
STEM CELL RESEARCH & THERAPY, cilt.12, sa.1, 2021 (SCI-Expanded)
- VI. **Electrical Stimulation of Adipose-Derived Stem Cells in 3D Nanofibrillar Cellulose Increases Their Osteogenic Potential**  
Bicer M., Sheard J., Iandolo D., Boateng S. Y., Cottrell G. S., Widera D.  
BIOMOLECULES, cilt.10, sa.12, 2020 (SCI-Expanded)
- VII. **Optically Transparent Anionic Nanofibrillar Cellulose Is Cytocompatible with Human Adipose Tissue-Derived Stem Cells and Allows Simple Imaging in 3D**

Sheard J., Bicer M., Meng Y., Frigo A., Martinez Aguilar R., Vallance T. M., Iandolo D., Widera D.  
STEM CELLS INTERNATIONAL, cilt.2019, 2019 (SCI-Expanded)

## **Kitap & Kitap Bölümleri**

### **I. Exploring Innovative Approaches for Tissue Engineering and Regenerative Medicine**

Biçer Çalışkan M.

Interdisciplinary studies on contemporary research practices in engineering in the 21st century-IV, Prof. Dr. Kamil Kaygusuz, Editör, Özgür Publications, Gaziantep, ss.149-165, 2023

### **II. Exploring the Potential Therapeutic Approaches of Mesenchymal Stem/Stromal Cells (MSCs) in the Treatment of Vaginal Candidiasis**

Biçer Çalışkan M.

Current Researches in Health Sciences-II, Enes Karaman,Gözde Özge Önder, Editör, Özgür Publications - Certificate number:45503, Gaziantep, ss.1-18, 2023

## **Metrikler**

Yayın: 9

Atıf (WoS): 37

Atıf (Scopus): 59

H-İndeks (WoS): 3

H-İndeks (Scopus): 3