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Education Information

Post Doctorate, University of Reading, Faculty of Pharmacy , Biomedical Department , United Kingdom 2021 - 2021

Doctorate, University of Reading, Faculty of Pharmacy , Biomedical Department, United Kingdom 2017 - 2021

Research Areas

Health Sciences, Natural Sciences

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Revolutionizing dermatology: harnessing mesenchymal stem/stromal cells and exosomes in 3D platform for skin regeneration.**
Bicer M.
Archives of dermatological research, vol.316, no.6, pp.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, vol.206, no.1, pp.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, vol.39, no.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, vol.11, no.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, vol.12, no.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, vol.10, no.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, vol.2019, 2019 (SCI-Expanded)

Books & Book Chapters

- I. **Exploring Innovative Approaches for Tissue Engineering and Regenerative Medicine**
Biçer Çalışkan M.
in: Interdisciplinary studies on contemporary research practices in engineering in the 21st century-IV, Prof. Dr. Kamil Kaygusuz, Editor, Özgür Publications, Gaziantep, pp.149-165, 2023
- II. **Exploring the Potential Therapeutic Approaches of Mesenchymal Stem/Stromal Cells (MSCs) in the Treatment of Vaginal Candidiasis**
Biçer Çalışkan M.
in: Current Researches in Health Sciences-II, Enes Karaman, Gözde Özge Önder, Editor, Özgür Publications - Certificate number:45503, Gaziantep, pp.1-18, 2023

Metrics

Publication: 9

Citation (WoS): 37

Citation (Scopus): 59

H-Index (WoS): 3

H-Index (Scopus): 3