

Res. Asst. MEHMET BİRER

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Gazi University, Sağlık Bilimleri Enstitüsü, Farmasötik Teknoloji (Dr), Turkey 2015 - Continues

Postgraduate, Gaziantep University, Institute Of Health Sciences, Tibbi Farmakoloji (Yıl) (Tezli), Turkey 2014 - Continues

Foreign Languages

English, C1 Advanced

Research Areas

Pharmacology and Therapeutics, Pharmaceutics Technology, Pharmaceutical Biotechnology, Pharmaceutical Technology, Biomaterials

Academic Titles / Tasks

Research Assistant, Adiyaman University, Faculty Of Pharmacy, Department Of Pharmaceutical Technology, 2015 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Oral fast-dissolving risperidone loaded electrospun nanofiber drug delivery systems for antipsychotic therapy**
TURANLÎ Y., BİRER M., Turgut Birer Y., UYAR R., YURDAKÖK DİKMEN B., ACARTÜRK F.
Journal of Drug Delivery Science and Technology, vol.92, 2024 (SCI-Expanded)
- II. **Electrospun hesperidin nanofibers induce a cytoprotective effect on sodium-fluoride induced oxidative stress in vitro**
BİRER M., KARA A., YURDAKÖK DİKMEN B., UYAR R., Aralan G., Birer Y. T., FİLAZİ A., ACARTÜRK F.
Journal of Drug Delivery Science and Technology, vol.92, 2024 (SCI-Expanded)
- III. **Silk fibroin nanoparticles and β -tricalcium phosphate loaded tissue engineered gelatin bone scaffolds: A Nature-based, low-cost solution**
Yıldız A., BİRER M., Turgut Birer Y., Uyar R., YURDAKÖK DİKMEN B., ACARTÜRK F.
Journal of Biomaterials Applications, vol.38, no.5, pp.646-661, 2023 (SCI-Expanded)
- IV. **Telmisartan loaded polycaprolactone/gelatin-based electrospun vascular scaffolds**

- BİRER M., ACARTÜRK F.
INTERNATIONAL JOURNAL OF POLYMERIC MATERIALS AND POLYMERIC BIOMATERIALS, vol.71, no.11, pp.858-873, 2022 (SCI-Expanded)
- V. Effects of electrospun fiber curcumin on bisphenol A exposed Caco-2 cells
Turgut Y., Yurdakok-Dikmen B., Uyar R., Birer M., Filazi A., Acartürk F.
DRUG AND CHEMICAL TOXICOLOGY, vol.45, no.6, pp.2613-2625, 2022 (SCI-Expanded)
- VI. Electrospun orally disintegrating film formulation of telmisartan
Birer M., Acartürk F.
PHARMACEUTICAL DEVELOPMENT AND TECHNOLOGY, vol.26, no.6, pp.661-672, 2021 (SCI-Expanded)
- VII. Effects of electrospun nanofiber curcumin on bisphenol A exposed Caco-2 cells
Turgut Y., Yurdakök Dikmen B., Uyar R., Birer M., Acartürk F., Filazi A.
Toxicology Letters, vol.314, no.1, pp.149, 2019 (SCI-Expanded)

Articles Published in Other Journals

- I. Studies on Improvement of Water Solubility of Curcumin With Electrospun Nanofibers
RÜZGAR G., BİRER M., TORT S., ACARTÜRK F.
FABAD, 2013 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. In Vitro Evaluation of Telmisartan Loaded PCL/Collagen Small Diameter Vascular Grafts
Birer M., Acartürk F.
12th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology (PBP), Vienna, Austria, 11 - 14 May 2021, pp.1
- II. In Vitro Characterization of Telmisartan Loaded Vascular Grafts
BİRER M., ACARTÜRK F.
8th BBBB Conference on Pharmaceutical Sciences, 14 - 16 October 2019
- III. Enhancement of Solubility of Telmisartan with Nanofibers
BİRER M., ACARTÜRK F.
19th International Pharmaceutical Technology Symposium-IPTS, 17 - 19 September 2019
- IV. STUDIES ON IMPROVEMENT OF WATER SOLUBILITY WITH ELECTROSPUN NANOFIBERS I CURCUMIN
BİRER M., RUZGAR G., TORT S., ACARTÜRK F.
GPSS 2015, 12 - 15 November 2015

Supported Projects

ACARTÜRK F., COŞKUN CEVHER Ş., BİRER M., TAKE KAPLANOĞLU G., VURAL İ., Project Supported by Higher Education Institutions, Vasküler Doku İskelelerinin İn Vitro ve İn Vivo Değerlendirilmesi, 2019 - 2022

Metrics

Publication: 15
Citation (WoS): 2
Citation (Scopus): 4
H-Index (WoS): 1
H-Index (Scopus): 2