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Education Information

Doctorate, Istanbul Medipol University, Sağlık Bilimleri Enstitüsü, Tıbbi Fizyoloji (Dr), Turkey 2018 - 2019

Postgraduate, Istanbul Medipol University, Sağlık Bilimleri Enstitüsü, Sinir Bilim (YI) (Tezli), Turkey 2015 - 2018

Undergraduate, Ihsan Dogramaci Bilkent University, Fen Fakültesi, Moleküler Biyoloji Ve Genetik Bölümü, Turkey 2009 - 2015

Dissertations

Postgraduate, Endojen opioid reseptörlerin dinamiğinin araştırılması, Istanbul Medipol University, Sağlık Bilimleri Enstitüsü, Sinir Bilim (YI) (Tezli), 2018

Research Areas

Health Sciences

Academic Titles / Tasks

Research Assistant, Istanbul Medipol University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2016 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- Development of BDNF/NGF/IKVAV Peptide Modified and Gold Nanoparticle Conductive PCL/PLGA Nerve Guidance Conduit for Regeneration of the Rat Spinal Cord Injury**
Özçiçek İ., Aysit N., Balcikanli Z., Aytürk N., Aydeger A., Baydaş G., Aydın M., Altintas E., Erim Ü. C.
Macromolecular Bioscience, vol.24, no.5, 2024 (SCI-Expanded)
- Quercetin/polyethyleneimine modified gold nanoconjugates inhibit apoptosis and ROS production induced by hydrogen peroxide in DRG sensory neurons**
ÖZÇİÇEK İ., BAYDAŞ G., ERİM Ü. C., ÜSTÜNDAĞ Ü. V.
Journal of Pharmaceutical Sciences, 2024 (SCI-Expanded)

Articles Published in Other Journals

- I. **Design of IKVAV peptide/gold nanoparticle decorated, micro/nano-channeled PCL/PLGA film scaffolds for neuronal differentiation and neurite outgrowth**
Aydeger A., Aysit N., Baydaş G., Çakıcı Ç., Erim Ü. C., Arpa M. D., Özçiçek İ.
Biomaterials Advances, vol.152, 2023 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **Design of Micro/Nano-Patterned and Conductive PCL/PLGA Scaffolds for the Oriented Growth of Motor Neurons**
Özçiçek İ., Aysit N., Aydeğer A., Baydaş G.
5th EURASIA BIOCHEMICAL APPROACHES & TECHNOLOGIES (EBAT) CONGRESS, Antalya, Turkey, 2 - 05 November 2023, pp.9
- II. **Development of nerve guidance conduit modified with gold nanoparticles and neural factors for rat spinal cord injury regeneration**
Özçiçek İ., Aysit N., Balçıkanlı Z., Aytürk N., Aydeğer A., Baydaş G., Aydın M. Ş., Altıntaş E., Erim Ü. C.
XVIII. Tıbbi Biyoloji ve Genetik Kongresi, Ankara, Turkey, 26 - 29 October 2023, pp.1-5
- III. **DEVELOPMENT OF MICRO/NANO-PATTERNED TISSUE SCAFFOLDS FOR NEURAL TISSUE ENGINEERING APPLICATIONS**
ÖZÇİÇEK İ., AYŞİT N., AYDEĞER A., BAYDAŞ G.
IV. BASKENT INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY STUDIES, Ankara, Turkey, 05 August 2023
- IV. **Neuronal Differentiation and Neurite Orientation on Gold Nanoparticle Decorated, Micro/Nano-channeled PCL/PLGA Film Scaffolds**
AYDEĞER A., AYŞİT N., BAYDAŞ G., ÖZÇİÇEK İ.
4th EURASIA BIOCHEMICAL APPROACHES & TECHNOLOGIES (EBAT) CONGRESS, Antalya, Turkey, 03 November 2022
- V. **Effects of ginkgo biloba components and calcium channel blockers on cortical neuron excitability in wag/rij rats with absence epilepsy: In vitro calcium imaging study**
AKÇA M., YILDIRIM M., BAY S., BAYDAŞ G., AYŞİT N., ÖZTÜRK G.
Turkish Society of Physiological Sciences 45th National Physiology, Aydın, Turkey, 31 October - 03 November 2019, vol.227, pp.44
- VI. **Effect of ginkgo biloba extract egb 761 on intracellular calcium level and excitability in wag/rij rat cortical neuron culture**
AKÇA M., YILDIRIM M., BAYDAŞ G., BAY S., AYŞİT N., ÖZTÜRK G.
Turkish Society of Physiological Sciences 45th National Physiology, Aydın, Turkey, 31 October - 03 November 2019, vol.227, pp.76