

Res. Asst. PhD TUĞÇE SAPMAZ

Personal Information

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Education Information

Doctorate, Cukurova University, Tıp Fakültesi, Histoloji Ve Embriyoloji Anabilim Dalı, Turkey 2017 - 2024

Postgraduate, Cukurova University, Tıp Fakültesi, Histoloji Ve Embriyoloji Anabilim Dalı, Turkey 2014 - 2017

Undergraduate, Ege University, Faculty Of Engineering, Biyomühendislik , Turkey 2009 - 2013

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, DENEYSEL DİYABETİK NEFROPATİ MODELİNDE APİGENİN'İN MEZANJİYAL GATA-3 EKSPRESYONU VE PDGFR-B/NFkB SİNYAL YOLAĞI ÜZERİNE ETKİLERİ, Cukurova University, Tıp Fakültesi, Temel Tıp Bilimleri, 2021

Postgraduate, HİDROSALPİNK CERRAHİ TEDAVİSİNİN İNSAN ENDOMETRİYUMU ÜZERİNE ULTRASTRÜKTÜREL ETKİLERİ , Cukurova University, Tıp Fakültesi, Histoloji Ve Embriyoloji Anabilim Dalı, 2017

Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Histology and Embryology, Surgery Medicine Sciences, Obstetrics and Gynecology

Academic Titles / Tasks

Research Assistant, Cukurova University, Tıp Fakültesi, Temel Tıp Bilimleri, 2016 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- Targeting the PANoptosome Using Necrostatin-1 Reduces PANoptosis and Protects the Kidney Against Ischemia-Reperfusion Injury in a Rat Model of Controlled Experimental Nonheart-Beating Donor**
Sapmaz T.
TRANSPLANTATION PROCEEDINGS, vol.56, pp.2268-2279, 2024 (SCI-Expanded)
- Anti-Inflammatory effect of INSL-3 on experimental arthritis model and LPS-induced macrophage cell line.**
COŞKUN G., ŞAKER D., Kara S., SAPMAZ T., ÇELENK A., SENCAR L., COŞKUN Ç., POLAT S.

International immunopharmacology, vol.143, no.Pt 2, pp.113439, 2024 (SCI-Expanded)

- III. **Galantamine and wedelolactone combined treatment suppresses LPS-induced NLRP3 inflammasome activation in microglial cells**
ŞAKER D., SENCAR L., COŞKUN G., Sapmaz Erçakallı T., YILMAZ D. M., POLAT S.
Immunopharmacology and Immunotoxicology, 2024 (SCI-Expanded)
- IV. **The Effects of Antioxidants and Pulsed Magnetic Fields on Slow and Fast Skeletal Muscle Atrophy Induced by Streptozotocin: A Preclinical Study.**
Tastekin B., Pelit A., Sapmaz T., Celenk A., Majeed M., Mundkur L., Nagabhushanam K.
Journal of diabetes research, vol.2023, pp.6657869, 2023 (SCI-Expanded)
- V. **Adjustable bone plate: from bench to operating room**
Huri G., Özdemir E., Bicer O., Yilgor P., Polat S., Sapmaz Erçakallı T., Doral M. N.
Turkish Journal of Medical Sciences, vol.53, no.5, pp.1379-1386, 2023 (SCI-Expanded)
- VI. **Targeting the PANoptosome with 3,4-Methylenedioxy-beta-Nitrostyrene, Reduces PANoptosis and Protects the Kidney against Renal Ischemia-Reperfusion Injury**
Uysal E., DOKUR M., Kucukdurmaz F., Altinay S., POLAT S., BATÇIOĞLU K., Sezgin E., Erçakallı T., Yaylali A., YILMAZTEKİN Y., et al.
JOURNAL OF INVESTIGATIVE SURGERY, vol.35, no.11-12, pp.1824-1835, 2022 (SCI-Expanded)
- VII. **Bisphenol A decreases expression of insulin-like factor 3 and induces histopathological changes in testes of rat**
Sencar L., Coskun G., Şaker D., Sapmaz T., Tuli A., Özgür H., Polat S.
TOXICOLOGY AND INDUSTRIAL HEALTH, vol.37, no.6, pp.314-327, 2021 (SCI-Expanded)
- VIII. **Effects of Theranekron and alpha-lipoic acid combined treatment on GAP-43 and Krox-20 gene expressions and inflammation markers in peripheral nerve injury.**
Sencar L., Coşkun G., Şaker D., Sapmaz T., Kara S., Çelenk A., Polat S., Yılmaz D. M., Dağlıoğlu Y. K., Polat S.
Ultrastructural pathology, vol.45, no.3, pp.167-181, 2021 (SCI-Expanded)
- IX. **The Effects of Photobiomodulation on Leukocyte and Platelet-Rich Fibrin as Barrier Membrane on Bone Regeneration: An Experimental Animal Study**
SÜRME Lİ BARAN S., Temmerman A., SALİMOV F., UÇAK TÜRER O., SAPMAZ T., HAYTAÇ M. C., ÖZCAN M.
PHOTOBIMODULATION PHOTOMEDICINE AND LASER SURGERY, vol.39, no.4, pp.245-253, 2021 (SCI-Expanded)
- X. **Ultrastructural effects of nerve growth factor and betamethasone on nerve regeneration after experimental nerve injury**
SENCAR L., GÜVEN M., ŞAKER D., SAPMAZ T., TULI A., POLAT S.
ULTRASTRUCTURAL PATHOLOGY, vol.44, no.4-6, pp.436-449, 2020 (SCI-Expanded)
- XI. **The ultrastructural effects of surgical treatment of hydrosalpinx on the human endometrium: a light and electron microscopic study**
SAPMAZ T., Gundogdu L. S., ÇETİN M. T., ÜRÜNSAK İ. F., POLAT S.
ULTRASTRUCTURAL PATHOLOGY, vol.43, pp.99-109, 2019 (SCI-Expanded)

Articles Published in Other Journals

- I. **Nrf2-Keap1 Activation as A Potential Target of The Antioxidant Defense System in Diabetes Mellitus**
ALI S. A., ERÇAKALLI T., KARA S., POLAT S.
Arşiv Kaynak Tarama Dergisi, vol.33, no.1, pp.48-57, 2024 (Peer-Reviewed Journal)
- II. **Current Approach to Cancer Stem Cells**
SAPMAZ T., POLAT S.
Arşiv Kaynak Tarama Dergisi, vol.31, no.2, pp.111-121, 2022 (Peer-Reviewed Journal)
- III. **Glioblastoma hücre hattında (U87) siklopamin ve temozolomid kombine tedavisinin miR-20a ekspresyonu üzerine etkileri**
SENCAR L., COŞKUN G., YILMAZ D. M., GÖKTÜRK D., POLAT S., ŞAKER D., SAPMAZ T., KARA S., ÇELENK A., POLAT S.
CUKUROVA MEDICAL JOURNAL, 2021 (ESCI)

- IV. **Effects of cyclopamine and temozolomide combined treatment on miR-20a expression in glioblastoma cell line (U87)**
SENCAR L., Yilmaz D. M., Gokturk D., Polat S., COŞKUN G., ŞAKER D., SAPMAZ T., KARA S., ÇELENK A., POLAT S.
CUKUROVA MEDICAL JOURNAL, vol.46, no.4, pp.1426-1432, 2021 (ESCI)
- V. **The Effect of 900-Megahertz Electromagnetic Field Exposure in the First and Middle Adolescent Period on the Spleen in Male Rats: A Biochemical and Histopathological Study**
İkinci Keleş A., Sapmaz T., Erol H. S., Biterge Süt B., Keleş G., Odacı E., Polat S., Halıcı M. B.
DUZCE MEDICAL JOURNAL = DÜZCE TIP FAKÜLTESİ DERGİSİ, vol.21, no.3, pp.192-196, 2019 (Scopus)

Papers Published in Refereed Scientific Meetings

- I. **GALANTAMINE AND WEDELOLACTONE COMBINED TREATMENT SUPPRESSES LPS-INDUCED INFLAMMATORY RESPONSES AND NLRP3 ACTIVATION IN N9 MICROGLIA CELLS²⁸**
ŞAKER D., SENCAR L., COŞKUN G., SAPMAZ ERÇAKALLI T., YILMAZ D. M., POLAT S.
15th NATIONAL – 1st INTERNATIONAL CONGRESS OF HISTOLOGY AND EMBRYOLOGY, Turkey, 26 - 28 May 2022
- II. **Periferik sinir hasarında alfa-lipoik asit tedavisinin nöroprotektif etkisi**
ŞAKER D., SENCAR L., YILMAZ D. M., DAĞLIOĞLU Y. K., SAPMAZ T., COŞKUN G., KARA S., ÇELENK A., POLAT S., POLAT S.
International Conference on Research in Health Sciences(ICRHS 2020), 14 - 15 November 2020
- III. **Glioblastoma hücre hattında (U87) Cyclopamin ve Temozolomid kombine tedavisinin miR-20a ekspresyonu üzerine etkileri**
SAPMAZ T., SENCAR L., POLAT S., YILMAZ D. M., POLAT S., COŞKUN G., ŞAKER D., KARA S., ÇELENK A.
International Conference on Research in Health Sciences(ICRHS 2020), 14 - 15 November 2020
- IV. **Matriks metalloproteinaz 9 ve 12 ile metalloproteinaz inhibitörü-1 ekspresyonlarının endometriyozisli dokularda immünohistokimyasal olarak gösterilmesi**
SENCAR GÜNDOĞDU L., Genç H., GÜMÜRDÜLÜ D., ÜRÜNSAK İ. F., POLAT S., Alisinanoğlu B., SAPMAZ T.
XIV. Ulusal Histoloji ve Embriyoloji Kongresi, Antalya, Turkey, 10 - 13 May 2018
- V. **Hidrosalpinks Cerrahi Tedavisinin İnsan Endometriyumuna Üzerine Ultrastrüktürel Etkileri**
SAPMAZ T., POLAT S., SENCAR GÜNDOĞDU L., ÇETİN M. T., ÜRÜNSAK İ. F., ÇETİN C.
23. Ulusal Elektron Mikroskopi Kongresi, Turkey, 19 - 21 May 2017

Metrics

Publication: 22
Citation (WoS): 8
Citation (Scopus): 16
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H-Index (Scopus): 3