

## Asst. Prof. ESRA DENİZ

### Personal Information

**Email:** esra.deniz@erdogan.edu.tr

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### International Researcher IDs

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### Education Information

Doctorate, Firat University, Institute Of Health Sciences, Turkey 2009 - 2013

Postgraduate, Firat University, Institute Of Health Sciences, Turkey 2002 - 2005

Undergraduate, Bursa Uludağ University, Veteriner Fakültesi, Turkey 1996 - 2001

### Dissertations

Doctorate, AT2 reseptör agonisti novokininin miyokardiyal iskemi-reperfüzyona bağlı oksidatif stres, inflamasyon ve nekroz alanı üzerine etkileri, Firat University, Institute Of Health Sciences, Tıbbi Farmakoloji, 2013

Postgraduate, Kronik nitrik oksit sentaz inhibisyonu oluşturulan sıçanlarda melatoninin kan basıncı ve miyokardiyal iskemi-reperfüzyona bağlı infarkt alanına etkileri, Firat University, Institute Of Health Sciences, Tıbbi Farmakoloji, 2005

### Research Areas

Health Sciences

### Academic Titles / Tasks

Assistant Professor, Recep Tayyip Erdogan University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2020 - Continues

Assistant Professor, Bitlis Eren University, Health Academy, Department Of Nursing, 2013 - 2020

Lecturer, Bitlis Eren University, Hizan Vocational School, 2009 - 2013

Research Assistant, Firat University, Institute Of Health Sciences, 2004 - 2005

### Academic and Administrative Experience

Program Accreditation-Self-Assessment Committee Member, Recep Tayyip Erdogan University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2023 - Continues

Year Coordinator, Recep Tayyip Erdogan University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2023 - Continues

Experimental Animals Ethics Committee Member, Recep Tayyip Erdogan University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2022 - Continues

Assistant Director of Vocational School, Bitlis Eren University, Health Academy, 2018 - 2020

Head of Department, Bitlis Eren University, Health Academy, Department Of Nursing, 2013 - 2020  
Assistant Director of Vocational School, Bitlis Eren University, Hizan Vocational School, 2010 - 2013

## Courses

Temel Tıp III, Undergraduate, 2022 - 2023

## Supervised Theses

Deniz E., HEMŞİRELERİN AKILCI İLAÇ KULLANIMI; MUŞ DEVLET HASTANESİ ÖRNEĞİ, Postgraduate,  
Ş.KARAKAYA(Student), 2022

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The effects of amiodarone in ovarian injury due to oxidative stress and inflammation caused by ischemia-reperfusion**  
Topcu A., Ozturk A., Deniz E., Duman Ozturk S., Arpa M., Atak M.  
IMMUNOPHARMACOLOGY AND IMMUNOTOXICOLOGY, vol.44, no.6, pp.1022-1031, 2022 (SCI-Expanded)
- II. **The protective effects of trimetazidine against ovary ischemia-reperfusion injury via the TLR4/Nf-kB signal pathway**  
Ozturk A., Topcu A., Deniz E., Duman Ozturk S., Arpa M., Kutlu Yilmaz E.  
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, vol.36, no.8, 2022 (SCI-Expanded)
- III. **The effects of vitamin B12 on the TLR-4/NF-κB signaling pathway in ovarian ischemia-reperfusion injury-related inflammation.**  
Deniz E., Topcu A., Ozturk A., Ozturk S. D., Arpa M., Atak M.  
International immunopharmacology, vol.107, pp.108676, 2022 (SCI-Expanded)
- IV. **Melatonin protects myocardium from ischemia-reperfusion injury in hypertensive rats: Role of myeloperoxidase activity**  
Sahna E., Deniz E., Bay Karabulut A., Burma O.  
CLINICAL AND EXPERIMENTAL HYPERTENSION, vol.30, no.7, pp.673-681, 2008 (SCI-Expanded)
- V. **Nitric oxide synthase inhibition in rats: Melatonin reduces blood pressure and ischemia/reperfusion-induced infarct size**  
Deniz E., Sahna E., Aksulu H. E.  
SCANDINAVIAN CARDIOVASCULAR JOURNAL, vol.40, no.4, pp.248-252, 2006 (SCI-Expanded)
- VI. **[Myocardial ischemia-reperfusion injury and melatonin].**  
Sahna E., Deniz E., Aksulu H. E.  
Anadolu kardiyoloji dergisi : AKD = the Anatolian journal of cardiology, vol.6, no.2, pp.163-8, 2006 (SCI-Expanded)
- VII. **Melatonin attenuates renal ischemia-reperfusion injury in nitric oxide synthase inhibited rats**  
Deniz E., Colakoglu N., Sari A., Sonmez M. F., Tugrul I., Oktar S., Ilhan S., Sahna E.  
ACTA HISTOCHEMICA, vol.108, no.4, pp.303-309, 2006 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Effects of At2 Receptor Agonist Novokinin on Oxidative Stress, Inflammation and Infarct Size Due to Myocardial Ischemia-Reperfusion**  
Gündüz E., Şahna E.  
JOURNAL OF BIOMEDICAL SCIENCE AND ENGINEERING, vol.10, no.5, pp.257-272, 2017 (Peer-Reviewed Journal)

## Books

### I. Koroner Kalp Hastalıklarının Tedavisinde Kullanılan İlaçlar

Deniz E.

in: Temelden Kliniğe Kardiyovasküler Sistem, Cengiz Yakıncı, Lokman Hekim Tanrıverdi, Editor, Nobel Yayınevi, İstanbul, pp.189-196, 2023

## Supported Projects

Semiz A., Deniz E., Topçu A., Öztürk Ç., Mataracı Karakaş S., Project Supported by Higher Education Institutions, Investigation of the protective effect of empagliflozin on indomethacin-induced gastric ulcer in rats via PI3K/AKT/VEGF pathway, 2025 - 2027

TOPÇU A., ÖZTÜRK S., ÖZTÜRK A., DENİZ E., Project Supported by Higher Education Institutions, Amiodaronun Sıçanlarda Oluşturulan Over İskemi-Reperfüzyon Hasarı Üzerine Olan Etkilerinin Araştırılması, 2020 - 2021

## Metrics

Publication: 9

Citation (WoS): 73

Citation (Scopus): 112

H-Index (WoS): 3

H-Index (Scopus): 6