

# Prof. NİGAR VARDI

## Personal Information

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## International Researcher IDs

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## Education Information

Doctorate, Inonu University, Tıp Fakültesi, Histoloji Embriyoloji, Turkey 1996 - 2000

## Foreign Languages

English, B2 Upper Intermediate

## Dissertations

Doctorate, Alkolik sıçanların pankreasları üzerinde ışık ve elektron mikroskopik arařtırmalar, Inonu University, Tıp Fakültesi, 2000

## Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Histology and Embryology

## Academic Titles / Tasks

Professor, Inonu University, Tıp Fakültesi, Temel Tıp Bilimleri, 1995 - Continues

## Academic and Administrative Experience

Inonu University, Tıp Fakültesi, 2013 - Continues

Vice Dean, Inonu University, Tıp Fakültesi, Temel Tıp Bilimleri, 2016 - 2021

## Courses

ENDOKRİN SİSTEM HİSTOLOJİSİ, Undergraduate Minor, 2013-2014

BİLAMİNAR GERM DİSKİ DÖNEMİ, Undergraduate, 2013-2014

GOLGİ KOMPLEKSİ, MİTOKONDRİYON, Undergraduate, 2013-2014

KULAK HİSTOLOJİSİ, Undergraduate, 2013-2014

ENDOKRİN SİSTEM HİSTOLOJİSİ, Undergraduate, 2013-2014  
MAYOZ BÖLÜNME, Undergraduate, 2013-2014  
KEMİK DOKU HİSTOLOJİSİ, Undergraduate, 2013-2014  
MITOZ BÖLÜNME, Undergraduate, 2013-2014  
PLAZMA MEMBRANI, Undergraduate, 2013-2014  
MERKEZİ SİNİR SİSTEMİ HİSTOLOJİSİ, Undergraduate, 2013-2014  
KAN DOKU HİSTOLOJİSİ, Undergraduate, 2013-2014  
GENEL EMBRİYOLOJİ, Undergraduate Double Major, 2013-2014  
İMLANTASYON, EKTOPIK GEBELİKLER, Undergraduate, 2013-2014  
SİNDİRİM SİSTEMİ GELİŞİMİ, Undergraduate, 2013-2014  
EPİTEL DOKU HİSTOLOJİSİ, Undergraduate Double Major, 2013-2014  
SİNDİRİM SİSTEMİ HİSTOLOJİSİ, Undergraduate, 2013-2014  
KÖK HÜCRE, Undergraduate, 2013-2014  
LENFOİD SİSTEM HİSTOLOJİSİ, Undergraduate, 2013-2014  
ERKEK GENİTAL SİSTEM HİSTOLOJİSİ, Undergraduate, 2013-2014  
GAMETOGENEZ, Undergraduate, 2013-2014  
SOLUNUM SİSTEMİ GELİŞİMİ, Undergraduate, 2013-2014  
PLASENTA, Undergraduate, 2013-2014  
LİZOZOM, PEROKSİZOM, Undergraduate, 2013-2014  
HÜCRELERİN GENEL ÖZELLİKLERİ, Undergraduate, 2013-2014  
MSS ZARLARI, BOS, PERİFERİK SİNİR SİSTEMİ, Undergraduate, 2013-2014  
SOLUNUM SİSTEM HİSTOLOJİSİ, Undergraduate Minor, 2013-2014  
SİNİR SİSTEMİ GELİŞİMİ, Undergraduate, 2013-2014  
GÖZ HİSTOLOJİSİ, Undergraduate, 2013-2014  
KEMİK İLİĞİ HİSTOLOJİSİ VE HEMOPOEZ, Undergraduate, 2013-2014  
KIKIRDAK DOKU HİSTOLOJİSİ, Undergraduate, 2013-2014  
EMBRİYONAL DÖNEM, Undergraduate, 2013-2014  
EPİTEL DOKU HİSTOLOJİSİ, Undergraduate, 2013-2014  
SOLUNUM SİSTEMİ HİSTOLOJİSİ, Undergraduate, 2013-2014  
ÜRİNER SİSTEM HİSTOLOJİSİ, Undergraduate, 2013-2014  
FEKONDASYON, SEGMENTASYON, Undergraduate, 2013-2014  
KALP DAMAR GELİŞİMİ, Undergraduate, 2013-2014  
DİŞİ GENİTAL SİSTEM HİSTOLOJİSİ, Undergraduate, 2013-2014  
GENİTAL SIKLUS, Undergraduate, 2013-2014  
FETAL DOLASIM, Undergraduate, 2013-2014  
GENİTAL SİSTEM GELİŞİMİ, Undergraduate, 2013-2014  
GASTRULASYON, Undergraduate, 2013-2014  
NÜKLEUS, Undergraduate, 2013-2014  
DOLASIM SİSTEMİ HİSTOLOJİSİ, Undergraduate, 2013-2014  
OVULASYON, Undergraduate, 2013-2014  
ENDOPLAZMİK RETİKULUM, RİBOZOM, Undergraduate, 2013-2014  
ÜRİNER SİSTEM GELİŞİMİ, Undergraduate, 2013-2014  
KAS DOKU HİSTOLOJİSİ, Undergraduate, 2013-2014  
İPLİKİSİ ORGANELLER, İNKLÜZYONLAR, Undergraduate, 2013-2014  
HÜCRE, Undergraduate Double Major, 2013-2014  
LENFOİD SİSTEM HİSTOLOJİSİ, Undergraduate Minor, 2013-2014  
FETAL DÖNEM, Undergraduate, 2013-2014  
BAG DOKUSU HİSTOLOJİSİ, Undergraduate, 2013-2014  
EMBRİYOLOJİYE GİRİŞ, Undergraduate, 2013-2014  
DERİ HİSTOLOJİSİ, Undergraduate, 2013-2014  
DOKULARA GİRİŞ, Undergraduate, 2013-2014

SiNiR DOKU HiSTOLOJiSi, Undergraduate, 2013-2014  
GENiTAL SiSTEM GELiSiMi, Undergraduate, 2012-2013  
DERi HiSTOLOJiSi, Undergraduate, 2012-2013  
FEKONDASYON, SEGMENTASYON, Undergraduate, 2012-2013  
SOLUNUM SiSTEMi GELiSiMi, Undergraduate, 2012-2013  
EPiTEL DOKU HiSTOLOJiSi, Undergraduate, 2012-2013  
KAN DOKU HiSTOLOJiSi, Undergraduate, 2012-2013  
KEMiK DOKU HiSTOLOJiSi, Undergraduate, 2012-2013  
DOKULARA GiRiS, Undergraduate, 2012-2013  
MiTOZ BÖLÜNME, Undergraduate, 2012-2013  
FETAL DOLASIM, Undergraduate, 2012-2013  
ERKEK GENiTAL SiSTEM HiSTOLOJiSi, Undergraduate, 2012-2013  
PLASENTA, Undergraduate, 2012-2013  
ENDOPLAZMiK RETiKULUM, RiBOZOM, Undergraduate, 2012-2013  
HÜCRELERiN GENEL ÖZELLiKLERi, Undergraduate, 2012-2013  
iMPLANTASYON, EKTOPiK GEBELiKLER, Undergraduate, 2012-2013  
KAS DOKU HiSTOLOJiSi, Undergraduate, 2012-2013  
EMBRiYOLOJiYE GiRiS, Undergraduate, 2012-2013  
KALP DAMAR GELiSiMi, Undergraduate, 2012-2013  
HÜCRE, Undergraduate Double Major, 2012-2013  
MAYOZ BÖLÜNME, Undergraduate, 2012-2013  
FETAL DÖNEM, Undergraduate, 2012-2013  
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NÜKLEUS, Undergraduate, 2012-2013  
SiNDiRiM SiSTEMi HiSTOLOJiSi, Undergraduate, 2012-2013  
EPiTEL DOKU HiSTOLOJiSi, Undergraduate Double Major, 2012-2013  
ÜRiNER SiSTEM GELiSiMi, Undergraduate, 2012-2013  
GAMETOGENEZ, Undergraduate, 2012-2013  
SOLUNUM SiSTEMi HiSTOLOJiSi, Undergraduate, 2012-2013  
OVULASYON, Undergraduate, 2012-2013  
MSS ZARLARI, BOS, PERiFERiK SiNiR SiSTEMi, Undergraduate, 2012-2013  
KEMiK iLiGi HiSTOLOJiSi VE HEMOPOEZ, Undergraduate, 2012-2013  
PLAZMA MEMBRANI, Undergraduate, 2012-2013  
SOLUNUM SiSTEM HiSTOLOJiSi, Undergraduate Minor, 2012-2013  
iPLiKSİ ORGANELLER, iNKLÜZYONLAR, Undergraduate, 2012-2013  
DOLASIM SiSTEMi HiSTOLOJiSi, Undergraduate, 2012-2013  
GENiTAL SiKLUS, Undergraduate, 2012-2013  
SiNDiRiM SiSTEMi GELiSiMi, Undergraduate, 2012-2013  
EMBRiYONAL DÖNEM, Undergraduate, 2012-2013  
BiLAMiNAR GERM DiSKİ DÖNEMi, Undergraduate, 2012-2013  
SiNiR SiSTEMi GELSiMi, Undergraduate, 2012-2013  
LENFOiD SiSTEM HiSTOLOJiSi, Undergraduate, 2012-2013  
LiZOZOM, PEROKSİZOM, Undergraduate, 2012-2013  
GÖZ HiSTOLOJiSi, Undergraduate, 2012-2013  
GOLGi KOMPLEKSİ, MiTOKONDRİYON, Undergraduate, 2012-2013  
KIKIRDAK DOKU HiSTOLOJiSi, Undergraduate, 2012-2013  
LENFOiD SiSTEM HiSTOLOJiSi, Undergraduate Minor, 2012-2013  
KÖK HÜCRE, Undergraduate, 2012-2013  
ENDOKRİN SiSTEM HiSTOLOJiSi, Undergraduate, 2012-2013  
MSS ZARLARI, BOS, PERiFERiK SiNiR SiSTEMi, Undergraduate, 2011-2012  
EPiTEL DOKU HiSTOLOJiSi, Undergraduate Double Major, 2011-2012

KEMİK İLİĞİ HİSTOLOJİSİ VE HEMOPOEZ, Undergraduate, 2011-2012  
FETAL DÖNEM, Undergraduate, 2011-2012  
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SİNİR SİSTEMİ GELİŞİMİ, Undergraduate, 2009-2010  
SİNDİRİM SİSTEMİ GELİŞİMİ, Undergraduate, 2009-2010  
BİLAMİNAR GERM DİSKİ DÖNEMİ, Undergraduate, 2009-2010  
SOLUNUM SİSTEMİ GELİŞİMİ, Undergraduate, 2009-2010  
EMBRİYONAL DÖNEM, Undergraduate, 2009-2010  
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GOLGİ KOMPLEKSİ, MİTOKONDRİYON, Undergraduate, 2009-2010  
ERKEK GENİTAL SİSTEM HİSTOLOJİSİ, Undergraduate, 2009-2010  
GENİTAL SİSTEM GELİŞİMİ, Undergraduate, 2009-2010  
ÜRİNER SİSTEM GELİŞİMİ, Undergraduate, 2009-2010  
İPLİKİSİ ORGANELLER, İNKLÜZYONLAR, Undergraduate, 2009-2010  
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SOLUNUM SİSTEMİ HİSTOLOJİSİ, Undergraduate, 2006-2007  
ERKEK GENİTAL SİSTEM HİSTOLOJİSİ, Undergraduate, 2006-2007

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

- I. **Effects of the apricot diets containing sulfur dioxide at different concentrations on rat testicles.**  
Yildiz A., Ozhan O., Ulu A., Dogan T., Bakar B., Ugur Y., Taslidere E., Gokbulut İ., Polat S., Parlakpinar H., et al.  
Environmental science and pollution research international, vol.30, no.29, pp.74301-74313, 2023 (SCI-Expanded)
- II. **Activation of the Mas receptors by AVE0991 and MrgD receptor using Alamandine to limit the deleterious effects of Ang II-induced hypertension**  
Tanriverdi L. H., Özhan O., Ulu A., Yildiz A., Ateş B., Vardi N., Acet H. A., Parlakpinar H.  
FUNDAMENTAL AND CLINICAL PHARMACOLOGY, vol.1, no. 1, pp.1-15, 2022 (SCI-Expanded)
- III. **Fast Curing Multifunctional Tissue Adhesives of Sericin-Based Polyurethane-Acrylates for Sternal Closure**  
Balcioglu S., NOMA S. A. A., Ulu A., Karaaslan-Tunc M. G., ÖZHAN O., KÖYTEPE S., PARLAKPINAR H., VARDI N., ÇOLAK M. C., ATEŞ B.  
ACS APPLIED MATERIALS & INTERFACES, 2022 (SCI-Expanded)
- IV. **Protective effects of dexpanthenol in carbon tetrachloride-induced myocardial toxicity in rats**  
YILDIZ A., Demiralp T., VARDI N., Otlu G., TAŞLIDERE E., Cirik H., GÜREL E.  
TISSUE & CELL, vol.77, 2022 (SCI-Expanded)
- V. **Histological assessment of liver and stomach damage caused by pyridazinone derivative antidepressant agents**  
ÖZDEMİR Z., KARAKURT A., TAŞLIDERE E., VARDI N., ALAGÖZ M. A., PARLAKPINAR H., USLU H., GÖZÜKARA BAĞ H. G.  
BIOTECHNIC & HISTOCHEMISTRY, vol.97, no.5, pp.355-362, 2022 (SCI-Expanded)
- VI. **Effects of antiepileptic drugs on ovaries of female Wistar rats**  
Osmanlioglu S., YILDIZ A., VARDI N., Karaaslan M., ÖZHAN O., PARLAKPINAR H.  
BIOTECHNIC & HISTOCHEMISTRY, vol.97, no.4, pp.261-268, 2022 (SCI-Expanded)
- VII. **Effects of Low- and High-Dose Valproic Acid and Lamotrigine on the Heart in Female Rats**  
YILDIZ A., VARDI N., PARLAKPINAR H., ATEŞ B., Colakoglu N.  
CARDIOVASCULAR TOXICOLOGY, vol.22, no.4, pp.326-340, 2022 (SCI-Expanded)
- VIII. **Protective effects of apocynin against ionizing radiation-induced hepatotoxicity in rats**  
Cagin Y. F., PARLAKPINAR H., VARDI N., Aksanyar S.  
BIOTECHNIC & HISTOCHEMISTRY, vol.97, no.3, pp.228-235, 2022 (SCI-Expanded)
- IX. **Effects of Systemic Administration of Cisplatin and Hydrogen Sulfide on Cerebrum and Cerebellum Tissue in Rats**  
POLAT S., ÖZHAN O., PARLAKPINAR H., DURAK M. A., VARDI N., YILDIZ A., TÜRKÖZ Y., BENTLİ R., ÇOLAK C., ACET H. A.  
NEUROENDOCRINOLOGY, vol.111, pp.59-60, 2021 (SCI-Expanded)
- X. **Systemic Sodium Hydrosulfide Causes Neuronal Degeneration in a Dose-Dependent Manner in Cerebrum but not Through the Oxidative Stress Pathway: An Experimental Study**  
Tanriverdi L. H., ÖZHAN O., PARLAKPINAR H., DURAK M. A., YILDIZ A., VARDI N., TÜRKÖZ Y., ÜREMİŞ M. M.  
NEUROENDOCRINOLOGY, vol.111, no.SUPPL 1, pp.24-25, 2021 (SCI-Expanded)
- XI. **The Effect of Ebselen on Motor Performance, Balance Skills and Analgesia in A Rat Model of Parkinson's Disease**  
PARLAKPINAR H., Arslan F. D., ÖZHAN O., VARDI N.  
NEUROENDOCRINOLOGY, vol.111, pp.47-48, 2021 (SCI-Expanded)

- XII. **Therapeutic effects of dexpanthenol on the cardiovascular and respiratory systems following cecal ligation and puncture-induced sepsis in rats**  
KÖSE A., PARLAKPINAR H., ÖZHAN O., ERMİŞ N., YILDIZ A., VARDI N., ÇİĞREMİŞ Y.  
BIOTECHNIC & HISTOCHEMISTRY, vol.95, no.6, pp.428-437, 2020 (SCI-Expanded)
- XIII. **Effects of varenicline on lung tissue in the animal model**  
ERMİŞ H., PARLAKPINAR H., ELBE H., VARDI N., Polat A., GÜLBAŞ G.  
JORNAL BRASILEIRO DE PNEUMOLOGIA, vol.46, no.2, 2020 (SCI-Expanded)
- XIV. **Evaluation of reproductive and renal toxicity of varenicline in male rats**  
OĞUZ F., BEYTUR A., TAŞLIDERE E., PARLAKPINAR H., Oguz H. K., Polat A., TOPÇU İ., VARDI N., SELÇUK E. B.  
IRANIAN JOURNAL OF BASIC MEDICAL SCIENCES, vol.22, no.12, pp.1392-1399, 2019 (SCI-Expanded)
- XV. **Acute and Subacute Effects of Low Versus High Doses of Standardized Panax ginseng Extract on the Heart: An Experimental Study**  
PARLAKPINAR H., ÖZHAN O., ERMİŞ N., VARDI N., ÇİĞREMİŞ Y., TANRIVERDI L. H., ÇOLAK C., ACET A.  
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- XVI. **Effects of intracerebroventricular administration of irisin on the hypothalamus-pituitary-gonadal axis in male rats**  
TEKİN S., BEYTUR A., ERDEN Y., Beytur A., ÇİĞREMİŞ Y., VARDI N., TÜRKÖZ Y., TEKEDERELİ İ., SANDAL S.  
JOURNAL OF CELLULAR PHYSIOLOGY, vol.234, no.6, pp.8815-8824, 2019 (SCI-Expanded)
- XVII. **Protective effects of ghrelin on kidney tissue in rats with partial ureteral obstruction**  
Cimen S., TAŞDEMİR C., VARDI N., ATEŞ B., Tasdemir S., Ozaydogdu Cimen A.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.49, no.2, pp.696-702, 2019 (SCI-Expanded)
- XVIII. **The protective effect of N-acetylcysteine amide against paraquat-induced neurotoxicity**  
ATEŞ B., VARDI N., PARLAKPINAR H., Karaaslan M. G., YILMAZ İ., Ercal N.  
TURKISH JOURNAL OF CHEMISTRY, vol.43, no.1, pp.39-49, 2019 (SCI-Expanded)
- XIX. **Effects of Propolis on Spatial Memory and Hippocampus of Lithium-Pilocarpine-Induced Status Epilepticus in Rats**  
Kaya G. B., EMRE M. H., YILDIZ A., VARDI N.  
ACTA PHYSIOLOGICA, vol.225, pp.56, 2018 (SCI-Expanded)
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## Patent

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