

## Prof. NURULLAH GÜNAY

### Personal Information

**Email:** ngunay@erciyes.edu.tr

**Web:** <https://avesis.erciyes.edu.tr/2349/>

### International Researcher IDs

ScholarID: O3aOeIYAAAAJ

ORCID: 0000-0003-1604-9565

Publons / Web Of Science ResearcherID: B-6853-2019

ScopusID: 9845135500

Yoksis Researcher ID: 11154

### Education Information

Post Doctorate, Erciyes University, Tıp Fakültesi, Dahili Tıp Bil., Turkey 2013 - Continues

Post Doctorate, Gaziantep University, School Of Medicine, Department Of Surgical Medical Sciences, Turkey 2003 - 2007

Expertise In Medicine, Erciyes University, Tıp Fakültesi, Dahili Tıp Bil., Turkey 1997 - 2001

Undergraduate, Inonu University, Tıp Fakültesi, Turkey 1988 - 1994

### Foreign Languages

English, A1 Beginner

### Dissertations

Expertise In Medicine, Travmalı hastaların birinci derece yakınlarındaki anksiyete düzeylerinin bazı stres hormonları ile ilişkisi, Erciyes Üniversitesi, Tıp Fakültesi, Acil Tıp Ana Bilim Dalı, 2001

### Research Areas

Medicine, Surgery Medicine Sciences, Emergency Medicine, Health Sciences

### Academic Titles / Tasks

Professor, Erciyes University, Dahili Tıp Bil., Acil Tıp, 2013 - Continues

Associate Professor, Gaziantep University, School Of Medicine, Acil Tıp, 2007 - 2007

Assistant Professor, Gaziantep University, School Of Medicine, Acil Tıp, 2003 - 2007

Research Assistant PhD, Erciyes University, Dahili Tıp Bil., Acil Tıp, 1997 - 2001

### Academic and Administrative Experience

Erciyes University, 2019 - Continues

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

- I. **Male- and female-specific microRNA expression patterns in a mouse model of methanol poisoning.**  
Günay N., Taheri S., Memiş M., Şükranlı Z. Y., Şahin T., Demiryürek Ş., Günay N., Aslan Y. E., Demiryürek A. T.  
Food and chemical toxicology : an international journal published for the British Industrial Biological Research Association, vol.174, pp.113666, 2023 (SCI-Expanded)
- II. **Evaluation of the Rho-kinase gene expression and polymorphisms in adult patients with acute appendicitis: a differential impact of gender.**  
Günay N. E., Bülbül E., Şener E. F., Tahtasakal R., Demiryürek S., Günay N., Demiryürek A. T.  
Revista da Associacao Medica Brasileira (1992), vol.68, no.10, pp.1464-1469, 2022 (SCI-Expanded)
- III. **Evaluation of the rs35996865 polymorphism of the ROCK1 gene in sepsis**  
KALE A., ŞENER E. F., Gunay N. E., Tahtasakal R., DEMİRYÜREK Ş., GÜNAY N., DEMİRYÜREK A. T.  
REVISTA DA ASSOCIACAO MEDICA BRASILEIRA, vol.68, no.5, pp.586-590, 2022 (SCI-Expanded)
- IV. **Therapeutic effect of 6-shogaol on acetaminophen-induced hepatotoxicity in mice: an experimental study**  
Cumaoğlu M. O., Cumaoğlu B., Tekin Y., GÜNAY N.  
European Review for Medical and Pharmacological Sciences, vol.26, no.20, pp.7371-7378, 2022 (SCI-Expanded)
- V. **Variants in TNF and NOS3 (eNOS) genes associated with sepsis in adult patients**  
ÖZKAN M., GÜNAY N., ŞENER E. F., Karcioğlu O., Tahtasakal R., Dal F., Gunay N. E., DEMİRYÜREK A. T.  
JOURNAL OF GENE MEDICINE, vol.23, no.4, 2021 (SCI-Expanded)
- VI. **Serum vitamin D, vitamin D binding protein levels and leukocyte vitamin D receptor gene expression in patients with ischaemic stroke**  
Arslan S., ŞENER E. F., Gunay N. E., Demiryurek S., Gulderen U. R., Topaloglu T., GÜNAY N., Demiryurek A. T.  
JOURNAL OF THE PAKISTAN MEDICAL ASSOCIATION, vol.70, no.8, pp.1340-1344, 2020 (SCI-Expanded)
- VII. **The detection of occult CO poisoning through noninvasive measurement of carboxyhemoglobin: A cross-sectional study.**  
Koyuncu S., Bol O., Ertan T., Günay N., Akdoğan H.  
The American journal of emergency medicine, vol.38, pp.1110-1114, 2020 (SCI-Expanded)
- VIII. **The distribution indices of erythrocytes: which one for acute ischemic stroke?**  
Ekici Günay N., Günay N.  
Turkish Journal Of Biochemistry-Türk Biyokimya Dergisi, vol.44, pp.1-11, 2019 (SCI-Expanded)
- IX. **Prevalence of hidden carbon monoxide poisoning in auto service workers; a prospective cohort study.**  
Bol O., Koyuncu S., Günay N.  
Journal of occupational medicine and toxicology (London, England), vol.13, pp.35, 2018 (SCI-Expanded)
- X. **Role of circulating microRNAs in acute appendicitis.**  
SEYHAN A., Şener E. F., BOL O., Taheri S., TOPALOĞLU T., TUFAN E., TAHTASAKAL R., Ekici G., KARABULUT H., Günay N.  
Ulusal travma ve acil cerrahi dergisi = Turkish journal of trauma & emergency surgery : TJTES, vol.24, pp.211-215, 2018 (SCI-Expanded)
- XI. **A role of the endothelial nitric oxide system in acute renal colic caused by ureteral stone**  
Bulbul E., ŞENER E. F., Gunay N. E., Taslidere B., Taslidere E., Koyuncu S., GÜNAY N.  
AMERICAN JOURNAL OF EMERGENCY MEDICINE, vol.36, no.2, pp.266-270, 2018 (SCI-Expanded)
- XII. **Role of endothelial nitric oxide synthases system on acute appendicitis**  
Taslidere B., ŞENER E. F., TASLIDERE E., GUNAY N. E., BOL O., Bulbul E., AKTAS R., Gunay N.  
ULUSAL TRAVMA VE ACIL CERRAHI DERGISI-TURKISH JOURNAL OF TRAUMA & EMERGENCY SURGERY, vol.22, no.4, pp.338-343, 2016 (SCI-Expanded)
- XIII. **A hidden household danger: Television**  
Bol O., Cebicci H., Koyuncu S., Sarlı B., GÜNAY N.  
ULUSAL TRAVMA VE ACIL CERRAHI DERGISI-TURKISH JOURNAL OF TRAUMA & EMERGENCY SURGERY, vol.22, no.3, pp.265-268, 2016 (SCI-Expanded)

- XIV. **Oral deltamethrin ingestion due in a suicide attempt**  
Gunay N., KEKEÇ Z., ÇETE Y., Eken C., Demiryurek A. T.  
Bratislava Medical Journal, vol.111, no.5, pp.303-305, 2010 (SCI-Expanded)
- XV. **Presumptive latrodectus bite with ileus and myocardial involvement**  
Kose A., Bozkurt S., Lok U., Zengnol M., Yldrm C., Gunay N., Kose B.  
Wilderness and Environmental Medicine, vol.21, no.3, pp.271-272, 2010 (SCI-Expanded)
- XVI. **Effects of atropine and pralidoxime pretreatment on serum and cardiac oxidative stress parameters in acute dichlorvos toxicity in rats**  
Kose A., Gunay N., Kose B., Ocak A. R., Erel O., Demiryurek A. T.  
Pesticide Biochemistry and Physiology, vol.97, no.3, pp.249-255, 2010 (SCI-Expanded)
- XVII. **Protective effects of Y-27632 on acute dichlorvos poisoning in rats**  
Gunay N., Kose B., Demiryurek S., Ceylan N. O., Sari I., Demiryurek A. T.  
American Journal of Emergency Medicine, vol.28, no.3, pp.268-274, 2010 (SCI-Expanded)
- XVIII. **Cardiac effects of magnesium sulfate pretreatment on acute dichlorvos-induced organophosphate poisoning: An experimental study in rats**  
Gunay N., KEKEÇ Z., Demiryurek S., Kose A., Namiduru E. S., Gunay N. E., Sari I., Demiryurek A. T.  
Biological Trace Element Research, vol.133, no.2, pp.227-235, 2010 (SCI-Expanded)
- XIX. **Formulation of effects of atropine, pralidoxime and magnesium sulfate on cardiac tissue levels of nitric oxide, malondialdehyde and glutathione in organophosphate poisoning using artificial neural network**  
Togun N., Kose A., Gunay N., Tarakcioglu M., Demiryurek A. T.  
Computers in Biology and Medicine, vol.40, no.1, pp.29-36, 2010 (SCI-Expanded)
- XX. **Cardiac damage in acute organophosphate poisoning in rats: Effects of atropine and pralidoxime{star, open}**  
Kose A., Gunay N., Yildirim C., Tarakcioglu M., Sari I., Demiryurek A. T.  
American Journal of Emergency Medicine, vol.27, no.2, pp.169-175, 2009 (SCI-Expanded)
- XXI. **Myocardial infarction, acute ischemic stroke, and hyperglycemia triggered by acute chlorine gas inhalation**  
Kose A., Kose B., Açikalin A., Gunay N., Yildirim C.  
American Journal of Emergency Medicine, vol.27, no.8, 2009 (SCI-Expanded)
- XXII. **Myocarditis after black widow spider envenomation**  
Sari I., Zengin S., Davutoglu V., Yildirim C., Gunay N.  
American Journal of Emergency Medicine, vol.26, no.5, 2008 (SCI-Expanded)
- XXIII. **Effects of a selective Rho-kinase inhibitor Y-27632 on oxidative stress parameters in acute dichlorvos poisoning in rats.**  
Gunay N., Kose B., Demiryurek S., Ocak A., Erel O., Demiryurek A.  
Cell biochemistry and function, vol.26, no.7, pp.747-754, 2008 (SCI-Expanded)
- XXIV. **The use of therapeutic plasmapheresis in the treatment of poisoned and snake bite victims: An academic emergency department's experiences**  
Yildirim C., Bayraktaroğlu Z., Gunay N., Bozkurt S., Köse A., YILMAZ M. B.  
Journal of Clinical Apheresis, vol.21, no.4, pp.219-223, 2006 (SCI-Expanded)
- XXV. **A series of patients in the emergency department diagnosed with copper poisoning: Recognition equals treatment**  
Gunay N., Yildirim C., Karcioğlu O., Gunay N. E., YILMAZ M. B., Usalan C., Kose A., Togun I.  
Tohoku Journal of Experimental Medicine, vol.209, no.3, pp.243-248, 2006 (SCI-Expanded)
- XXVI. **A rare foreign body into the male penile urethra**  
Gunay N., Isir A. B., Yildirim C., Akieke M.  
Saudi Medical Journal, vol.27, no.5, pp.704-706, 2006 (SCI-Expanded)
- XXVII. **Serum levels of NT-ProBNP as an early cardiac marker of carbon monoxide poisoning**  
Davutoglu V., Gunay N., Kocoglu H., Gunay N. E., Yildirim C., Cavdar M., Tarakcioglu M.  
Inhalation Toxicology, vol.18, no.2, pp.155-158, 2006 (SCI-Expanded)

- XXVIII. **Cardiac damage secondary to occupational exposure to tin vapor**  
Gunay N., Aksoy M., Davutoglu V., Yildirim C., Ege I.  
Inhalation Toxicology, vol.18, no.1, pp.53-56, 2006 (SCI-Expanded)
- XXIX. **A case of carbon monoxide poisoning with thrombus in the heart: A case report**  
Yildirim C., Günay N., Büyükaslan H., Küçkdurmaz Z., Bozkurt S.  
Inhalation Toxicology, vol.17, no.14, pp.797-801, 2005 (SCI-Expanded)
- XXX. **Plasma NT-proBNP is a potential marker of disease severity and correlates with symptoms in patients with chronic rheumatic valve disease**  
Davutoglu V., Celik A., Aksoy M., Sezen Y., Soydinc S., Gunay N.  
European Journal of Heart Failure, vol.7, no.4, pp.532-536, 2005 (SCI-Expanded)
- XXXI. **An analysis of 682 adult poisonings in central Anatolia of Turkey**  
KEKEÇ Z., Gunay N., SÖZÜER E. M., Guven M., SUNGUR M.  
Veterinary and Human Toxicology, vol.46, no.6, pp.335-336, 2004 (SCI-Expanded)
- XXXII. **Perimortem cesarean delivery following severe maternal penetrating injury**  
Yildirim C., Goksu S., Kocoglu H., Gocmen A., Akdoğan M., Gunay N.  
Yonsei Medical Journal, vol.45, no.3, pp.561-563, 2004 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Problems in Conducting Multivariate Logistic Regression Analysis**  
ASLAN Y. E., GÜNAY N.  
Anatolian Journal of Emergency Medicine, vol.7, no.1, pp.46, 2024 (Peer-Reviewed Journal)
- II. **Investigation of Thrombotic Tendency in Hypertensive Urgencies**  
ŞAHİN T., GÜNAY N.  
Investigation of Thrombotic Tendency in Hypertensive Urgencies, pp.180-186, 2022 (Peer-Reviewed Journal)
- III. **Acil Serviste Mekanik Ventilatöre Bağlanan Hastaların Değerlendirilmesi**  
BAYKAN N., BOL O., KARABULUT H., GÜNAY N.  
Maltepe Tıp Dergisi, vol.13, pp.82-85, 2021 (Peer-Reviewed Journal)
- IV. **Spontaneous subscapular haematoma in a patient using warfarin therapy**  
Cebicci H., Gurbuz S., GÜNAY N., Vural A.  
BMJ Case Reports, 2013 (Scopus)
- V. **Patient satisfaction in a university hospital emergency department in Turkey.**  
Yildirim C., Kocoglu H., Goksu S., Gunay N., Savas H.  
Acta medica (Hradec Králové) / Universitas Carolina, Facultas Medica Hradec Králové, vol.48, no.1, pp.59-62, 2005 (Scopus)
- VI. **A case of massive dystrophic cardiac calcinosis with increased bone resorption markers: A novel pathophysiologic link?**  
Davutoglu V., Kervancioglu S., Sezen Y., Gunay N.  
Cardiology in Review, vol.12, no.6, pp.306-308, 2004 (Scopus)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Analysis of Earthquake Victims Admitted to the Emergency Department of the University Hospital in Kayseri, a Neighbour to the Earthquake Region**  
Aslan Y. E., Günay N.  
9th Eurasian Congress on Emergency Medicine & TATKON "100th Anniversary" National Congress & 2nd Ultrasonography Symposium in Emergency and Critical Care Patient, Antalya, Turkey, 9 - 12 November 2023
- II. **Posterior Reversible Encephalopathy Syndrome Associated with Hypertension-Induced Thrombotic Microangiopathy**

Aslan Y. E., Koçyiğit İ., Taşyürek C., İlik A., Yıldırım S., Günay N.

9th Eurasian Congress on Emergency Medicine & TATKON "100th Anniversary" National Congress & 2nd Ultrasonography Symposium in Emergency and Critical Care Patient, Antalya, Turkey, 9 - 12 November 2023

### III. CIRCULATING MICRORNAS IN ACUTE APPENDICITIS

SEYHAN A. U., ŞENER E. F., BOL O., TAHERİ S., Topaloglu T., Tufan E., Tahtasakal R., Günay N. E., Karabulut H., GÜNAY N.

5. İntercontinental Emergency Medicine Congress, 5. İnternational Critical Care and emergency medicine, 14. ulusal acil tıp kongresi, 19 - 22 April 2018

### IV. Acil Serviste Mekanik Ventilatöre Bağlanan Hastaların Değerlendirilmesi

Baykan N., BOL O., Yakar Ş., KARABULUT H., GÜNAY N.

13. Ulusal Acil Tıp ve 4.İntercontinental Emergency Medicine Congress, 18 - 21 May 2017

## Supported Projects

GÜNAY N., ARSLAN Ş., GÜNAY N., ŞENER E. F., Project Supported by Higher Education Institutions, Vitamin D Reseptör Geni ile Serebrovasküler Hastalık İlişkisi, 2016 - 2017

GÜNAY N., TAHERİ S., ŞENER E. F., SEYHAN A. U., Project Supported by Higher Education Institutions, Akut Apendisit hastalığında mikro RNA profilinin ve bu profilin hastalığın tanısında kullanılabilirliğinin belirlenmesi, 2016 - 2017

GÜNAY N., ÖZKAN M., ŞENER E. F., Project Supported by Higher Education Institutions, Acil servise başvuran Sepsisli ve septik şoktaki hastalarda NOS Endotelial Nitrik Oksit Sentaz ve TNF Tümör Nekroz Faktör alfa gen polimorfizmlerinin değerlendirilmesi, 2015 - 2017

GÜNAY N., BÜLBÜL E., ŞENER E. F., Project Supported by Higher Education Institutions, Renal Kolikle Acil Servise Başvuran Hastalarda eNOS Endotelial Nitrik Oksit Sentaz Polimorfizminin Araştırılması, 2015 - 2016

GÜNAY N., ŞENER E. F., Project Supported by Higher Education Institutions, Acil servise Başvuran Akut Apendisit Tanısı Konulan Hastalarda e NOS(endotelial Nitrik Oksit sentaz) Polimorfizminin Araştırılması, 2014 - 2016

## Activities in Scientific Journals

Ulusal Travma ve Acil Cerrahi Dergisi, Evaluation Committee Member, 2006 - Continues

## Metrics

Publication: 42

Citation (WoS): 33

Citation (Scopus): 349

H-Index (WoS): 3

H-Index (Scopus): 13

## Non Academic Experience

KAYSERİ TABİP ODASI

Kayseri Eğitim ve Araştırma Hastanesi

KAYSERİ EĞİTİM VE ARAŞTIRMA HASTANESİ

TÜRKİYE ACİL TIP DERNEĞİ