



Ann Med Res

Annals of Medical Research

The Official Journal of Inonu University Faculty of Medicine

Editorial Board

| Volume: 33 | Issue: 1 | January 2026

OWNER

Mehmet Aslan (Dean)
Inonu University Faculty of Medicine,
Department of Pediatrics, Malatya, Türkiye

EDITOR-IN-CHIEF

Nurettin Aydoğdu, PhD
İnönü University, Faculty of Medicine,
Department of Physiology, Malatya, Türkiye

SECTION EDITORS

- Ahmet Sami Akbulut, MD, PhD
İnönü University, Faculty of Medicine,
Department of General Surgery and
Liver Transplant Institute, Malatya,
Türkiye
- Ahmet Sarıcı, MD
İnönü University, Faculty of Medicine,
Department of Haematology,
Malatya, Türkiye
- Barış Otlu, PhD
İnönü University, Faculty of Medicine,
Department of Medical Microbiology,
Malatya, Türkiye
- Cem Azılı, MD
Ufuk University, Ridvan Ege Hospital,
Clinic of Surgical Oncology, Ankara,
Türkiye
- Cem Çankaya, MD
İnönü University, Faculty of Medicine,
Department of Ophthalmology,
Malatya, Türkiye
- Cuma Mertoğlu, MD, PhD
İnönü University, Faculty of Medicine,
Department of Biochemistry,
Malatya, Türkiye
- Emrah Gündüz, MD
İnönü University, Faculty of Medicine,
Department of Otolaryngology
Surgery, Malatya, Türkiye
- Ercan Yılmaz, MD
İnönü University, Faculty of Medicine,
Department of Obstetrics and Gynecology,
Malatya, Türkiye
- Esra İşçi Bostancı, MD
Gazi University, Faculty of Medicine,
Department of Obstetrics and Gynecology,
Ankara, Türkiye

- Lokman Hekim Tanrıverdi, MD, PhD
İnönü University, Faculty of Medicine,
Department of Medical Pharmacology,
Malatya, Türkiye
- Neslihan Çelik, MD
İnönü University, Liver Transplantation
Institute, Malatya, Türkiye
- Nurettin Taştekin, MD
Trakya University, Faculty of Medicine,
Department of Physical Medicine and
Rehabilitation, Edirne,
Türkiye
- Nurullah Dağ, MD
İnönü University, Faculty of Medicine,
Department of Radiology, Malatya,
Türkiye
- Okan Aslantürk, MD
İnönü University, Faculty of Medicine,
Department of Orthopaedics and
Traumatology, Malatya, Türkiye
- Osman Kurt, MD
İnönü University, Faculty of Medicine,
Department of Public Health,
Malatya, Türkiye
- Tevfik Tolga Şahin, MD, PhD
İnönü University, Faculty of Medicine,
Department of General Surgery,
Malatya, Türkiye

Biostatistics and Medical Informatics,
Malatya, Türkiye

ETHICS EDITOR

- Mehmet Karataş, MD., PhD
Inonu University, Faculty of Medicine,
Department of History of Medicine
and Medical Ethics, Malatya, Türkiye

LANGUAGE EDITORS

- Emrah Otan, MD
İnönü University, Faculty of Medicine,
Department of General Surgery,
Malatya, Türkiye
- Murat Kara, PhD
Siirt University, Faculty of Veterinary
Medicine, Parasitology, Siirt, Türkiye
- Tayfun Güldür, PhD
İnönü University, Faculty of Medicine,
Department of Medical Biochemistry,
Malatya, Türkiye
- Tevfik Tolga Şahin, MD
İnönü University, Faculty of Medicine,
Department of General Surgery,
Malatya, Türkiye

WEB AND SOCIAL MEDIA EDITOR

- Mustafa Karakaplan, PhD
Inonu University Faculty of Medicine,
Dijital Office Manager&String,
Malatya, Türkiye

PUBLICATIONS COORDINATOR

- Neala Bozkurt Dişkaya
Inonu University Faculty of Medicine,
Annals of Medical Research, Malatya,
Türkiye

BIOSTATISTICS EDITORS

- Cemil Colak, PhD
Inonu University, Faculty of Medicine,
Biostatistics and Medical Informatics,
Malatya, Türkiye
- Harika Gozde Gozukara Bag, PhD
Inonu University Faculty of Medicine,
Biostatistics and Medical Informatics,
Malatya, Türkiye
- Ahmet Kadir Arslan, PhD
Inonu University Faculty of Medicine,



Ann Med Res

Annals of Medical Research

The Official Journal of Inonu University Faculty of Medicine

Editorial Advisory Board

| Volume: 33 | Issue: 1 | January 2026

- Adel Hamed Elbaih
Suez Canal University Faculty of Medicine, Emergency Medicine, Ismailia, Egypt
- Ayse Seval Ozgu Erdinc
Ministry of Health, Ankara City Hospital, Gynecology and Obstetrics, Ankara, Türkiye
- Aysegul Taylan Ozkan
Department of Medical Microbiology Faculty of Medicine, TOBB University of Economics and Technology, Ankara, Türkiye
- Cemshit Karakurt
Inonu University Faculty of Medicine, Pediatric Cardiology Malatya, Türkiye
- Erdem Topal
Inonu University Faculty of Medicine, Pediatric, Malatya, Türkiye
- Gokce Simsek
Kirikkale University, Faculty of Medicine, Otorhinolaryngology, Kirikkale, Türkiye
- Hakan Parlakpinar
Inonu University Faculty of Medicine, Medical Pharmacology, Malatya, Türkiye
- İbrahim Topçu
Inonu University, Faculty of Medicine, Urology, Malatya, Türkiye
- Kamran Kazimoglu Musayev
Merkezi Klinika, Cardiovascular Surgery, Baku, Azerbaijan
- Mehmet Hamamci
Bozok University, Faculty of Medicine, Neurology, Yozgat, Türkiye
- Mehmet Kilic
Firat University Faculty of Medicine, Pediatric Immunology and Allergy, Elazig, Türkiye
- Meltem Kurus
Katip Celebi, University, Faculty of Medicine, Histology and Embology , Izmir, Türkiye
- Mustafa Canpolat
Inonu University Faculty of Medicine, Anatomy, Malatya, Türkiye
- Neslihan Yucel
Inonu University, Faculty of Medicine, Emergency Medicine, Malatya, Türkiye
- Numan Karaarslan
Istanbul Medeniyet University Faculty of Medicine, Neurosurgery, Tekirdag, Türkiye
- Ozkan Ozger
Istanbul Rumeli University, Neurosurgery, Istanbul, Türkiye
- Rauf Melekoglu
Inonu University Faculty of Medicine, Gynecology and Obstetrics, Malatya, Türkiye
- Reni Kalfin
Institute of Neurobiology, Bulgarian Academy of Sciences, Sofia, Bulgaria
- Rizaldi Taslim
Pinzon Universitas Kristen Duta Wacana, UKDW Neurology, Yogyakarta, Indonesia
- Sihoh Hidayet
Inonu University Faculty of Medicine, Cardiology, Malatya, Türkiye
- Yusuf Yakupoğulları
Inonu University, Faculty of Medicine, Clinic Microbiology, Malatya, T&Stringürkiye
- Yucel Duman
Inonu University Faculty of Medicine, Clinic Microbiology, Malatya, Türkiye



Ann Med Res

Annals of Medical Research

The Official Journal of Inonu University Faculty of Medicine

Table of Contents

| Volume: 33 | Issue: 1 | January 2026

Original Articles

001-005 The effect of tartrazine and thymoquinone on the antioxidant system and lipid peroxidation in brain tissue

Zeynep Erdemli, Nursena Demircigil, Mehmet Erman Erdemli

006-012 Comparison of neuroendocrine responses between caudal block and local infiltration techniques in pediatric inguinal hernia surgery: A prospective comparative clinical study

Olcay Dilken, Mustafa Altinay, Batuhan Bostan, Feyzullah Orkut Duran, Betul Duran, Sevde Sumeyye Iraz Soyalp, Merve Ipekoglu, Ayse Surhan Cinar

013-018 Prevalence of asthma and allergic diseases and associated risk factors among primary school children in the Malatya region

Murat Caglar Sahin, Ercan Yilmaz, Erdem Topal

019-026 Eating behaviors in individuals over the age of 18 years who applied to a family health center and the associated factors

Erhan Atici, Aliye Bulut

027-032 Evaluation of clinical and neonatal outcomes of cancer in pregnancy and patients in remission

Burcu Bozkurt Ozdal, Atakan Tanacan, Ayse Altindis Bal, Ece Atalay, Esra Karatas, Sukru Bakirci, Fatma Doga Ocal, Dilek Sahin

033-042 Evaluation of conventional histopathological scoring in breast carcinoma using artificial intelligence technologies

Seda Cetinkaya Karabekir, Aylin Gokhan, Hilal Arslan, Burak Keskin, Adile Ferda Dagli

043-047 Effect of adding bone marrow aspirate injection to core decompression on clinical outcomes in the treatment of femoral head avascular necrosis

Murat Taşçı, Mustafa Murat Hakyoldaş