

The Eurasian Journal of Medicine

Official Journal of Atatürk University School of Medicine

Indexed in PubMed, Web of Science and Scopus

Volume: 57 Issue: 2 (In progress) 2025

EURASIANJMED

www.eajm.org



The Eurasian Journal of Medicine

Official Journal of Atatürk University School of Medicine

Volume: 57 Issue: 2 (In progress) 2025

Editor in Chief

Meltem Alkan Melikoğlu

Department of Physical Medicine and Rehabilitation, Atatürk University School of Medicine, Erzurum, Türkiye

Deputy Editor

A. M. Abd El-Aty

Department of Medical Pharmacology, Atatürk University School of Medicine, Erzurum, Türkiye

Section Editors

Internal Medicine

Mustafa Bayraktar

Department of Family Medicine, Atatürk University School of Medicine, Erzurum, Türkiye

Mehmet Melikoğlu

Department of Dermatological and Venereal Diseases, Atatürk University School of Medicine, Erzurum, Türkiye

Surgical Sciences

Gamze Nur Cimilli Şenocak

Department of Obstetrics and Gynaecology, Atatürk University School of Medicine, Erzurum, Türkiye

Ayşenur Dostbil

Department of Anesthesiology and Reanimation, Atatürk University School of Medicine, Erzurum, Türkiye

Basic Sciences

Mustafa Erdem Sağsöz

Department of Biophysics, Atatürk University School of Medicine, Erzurum, Türkiye

Ufuk Okkay

Department of Medical Pharmacology, Atatürk University School of Medicine, Erzurum, Türkiye

Biostatistical Editor

Kamber Kaşali

Department of Biostatistics, Atatürk University School of Medicine, Erzurum, Türkiye

Owner

Meltem Alkan Melikoğlu, MD Erzurum, Türkiye (Dean)

Associate Editors

Senol Adanur

Department of Urology, Ataturk University Faculty of Nursing, Erzurum, Türkiye

Yener Aydın

Department of Thoracic Surgery, Ataturk University School of Medicine, Erzurum, Turkey

Nuray Bilge

Department of Neurology, Ataturk University Faculty of Nursing, Erzurum, Türkiye

Zeynep Çakır

Department of Emergency Medicine, Atatürk University School of Medicine, Erzurum, Türkiye

Esra Çınar Tanrıverdi

Department of Medical Education, Atatürk University School of Medicine, Erzurum, Türkiye

Abdurrahim Çolak

Department of Cardiovascular Surgery, Atatürk University School of Medicine, Erzurum, Türkiye

Elif Demirci

Department of Medical Pathology, Ataturk University Faculty of Nursing, Erzurum, Türkiye

Tuba Demirc

Department of Histology and Embryology, Atatürk University School of Medicine, Erzurum, Türkiye

Sera Derelioğlu

Department of Pedodontics, Atatürk University School of Dentistry, Erzurum, Türkiye

Suat Eren

Department of Radiology, Ataturk University Faculty of Nursing, Erzurum, Türkiye Irmak Ferah Okkay

Department of Pharmacology, Atatürk University School of Pharmacy, Erzurum, Türkiye

Mustafa Gi

Department of Physiology, Atatürk University School of Medicine, Erzurum, Türkiye

Erdem Karadeniz

Department of General Surgery, Atatürk University School of Medicine, Erzurum, Türkiye

Korhan Kılıc

Department of Otorhinolaryngology, Ataturk University Faculty of Nursing, Erzurum, Türkiye

Zerrin Orbak

Department of Pediatrics, Atatürk University School of Medicine, Erzurum, Türkiye

Halil Özcai

Department of Psychiatry, Ataturk University Faculty of Nursing, Erzurum, Türkiye

Zülal Özkur

Department of Infectious Diseases and Clinical Microbiology, Atatürk University School of Medicine, Erzurum, Türkiye

Hilal Kızıltunç Özmen

Department of Radiation Oncology, Atatürk University School of Medicine, Erzurum, Türkiye

Nurinnisa Öztürk

Department of Medical Biochemistry, Atatürk University School of Medicine, Erzurum, Türkiye

Can Sevinç

Deparment of Internal Diseases, Atatürk University School of Medicine, Erzurum, Türkiye Özlem Şahin Altun

Department of Psychiatric Nursing, Ataturk University Faculty of Nursing, Erzurum, Türkiye

Göksin Sengül

Department of Neurosurgery, Atatürk University School of Medicine, Erzurum, Türkiye

Muhammed Hakan Taş

Department of Cardiology, Ataturk University Faculty of Nursing, Erzurum, Türkiye

Serhat Vancelik

Department of Public Health, Ataturk University Faculty of Nursing, Erzurum, Türkiye

Sinan Yılar

Department of Orthopedics and Traumatology, Atatürk University School of Medicine, Erzurum, Türkiye

Elif Yılmazel Uçar

Department of Pulmonary Diseases, Atatürk University School of Medicine, Erzurum, Türkiye

Murat Yiğiter

Department of Pediatric Surgery, Atatürk University School of Medicine, Erzurum, Türkiye

Çiğdem Yüce Kahraman

Department of Medical Genetics, Atatürk University School of Medicine, Erzurum, Turkey



The Eurasian Journal of Medicine

Official Journal of Atatürk University School of Medicine

Volume: 57 Issue: 2 (In progress) 2025

International Advisory Board

Sanjib Adhikary

Department of Anesthesiology and Perioperative Medicine, Penn State University Milton S. Hershey Medical Center, Pennsylvania, USA

Erol Akgül

Department of Internal Medicine, İstanbul Medipol University, İstanbul, Türkiye

Erol Akpınar

Department of Pharmacology, Atatürk University School of Medicne, Erzurum, Türkiye

Fatih Alpe

Department of Radiology, Ataturk University Aziziye Training and Research Hospital, Erzurum, Türkiye

Sabri Selçuk Atamanalp

Department of General Surgery, Atatürk University School of Medicine, Erzurum, Türkiye

Sara Bright

UCL Institute for Women's Health, Maternal & Fetal Medicine, Perinatal Brain Repair Group, London, United Kingdom

Ilyas Çapoğlu

Department of Internal Medicine, Atatürk University School of Medicne, Erzurum, Türkiye

Hakan Dursun

Department of Internal Medicine, Atatürk University School of Medicne, Erzurum, Türkiye

Şükrü Emre

Department of Gastroenterology and Hepatology, Yale New Haven Transplantation Center, Connecticut, USA

Bilgehan Erkut

Department of Cardiovascular Surgery, Atatürk University School of Medicne, Erzurum, Türkiye Serge Gauthier

Alzheimer Disease Research Unit, The Douglas Research Centre, Montreal, Canada

Harry K. Genant

Professor Emeritus; Department of Radiology, University of California San Francisco, USA

Alin Lucian Girnita

Pathology Clinical, Stanford University, CA, USA

Dudu Berrin Günaydın

Department of Anesthesiology and Reanimation, Gazi University School of Medicne, Ankara, Türkiye

Ahmet Hacımüftüoğlu

Department of Pharmacology, Atatürk University School of Medicine, Erzurum, Türkiye

Ted Hadfield

Department of Infectious Diseases and Pathology, University of Florida, Emerging Pathogens Institute, Florida, USA

İlker İnce

Department of Anesthesiology and Perioperative Medicine, Penn State University, Pennsylvania, USA

Hakan Hadi Kadıoğlu

Department of Neurosurgery, Atatürk University School of Medicine, Erzurum, Türkiye

Zubair Khan

Department of Gastroenterology, Hepatology & Nutrition, University of Texas Health Science Center, Houston, Texas, USA Sunjoo Kim

Department of Surgery, Sungkyunkwan University, Seoul, Korea

İbrahim Koçer

Department of Ophthalmology, Atatürk University School of Medicne, Erzurum, Türkiye Ahmet Nezih Kök

Department of Forensic Medicine, Atatürk University School of Medicne, Erzurum, Türkiye

Arunkumar Krishnan

Department of Medicine, Section of Gastroenterology and Hepatology, West Virginia University School of Medicine, Margantown, USA

Ata Mahmoodpoor

Department of Anesthesiology, Critical Care Medicine, Tabriz University of Medical Sciences, Tabriz, Iran

Gürkan Öztürk

Department of General Medicine, Atatürk University School of Medicne, Erzurum, Türkiye

Obayed Raihan

Department of Pharmacy, Jashore University of Science and Technology, Jashore, Bangladesh

Boyapati Ramanarayana

Department of Periodontology, Sibar Institute of Dental Sciences, Andhra Pradesh, India

Luca Semerano

Department of Rheumatology, Hôpitaux de Paris | AP-HP, Paris, France

Hasan Türkez

Department of Medical Biology, Atatürk University School of Medicne, Erzurum, Türkiye



General Manager İbrahim Kara

Publications Director Deniz Kaya

Finance Coordinator

Gözde Doğan

Publications Coordinators

Nisanur Atıcı

Mert Gücün Lütfiye Çetin Batuhan Kara Tabita Toprak

Şevval Akkaya

Publications Technologies Coordinator

Ayça Nur Sezen

Project Assistant

Ozan Şahin

Contact Address:

Halaskargazi Mah. Halaskargazi Cad. No: 38 -66E İç Kapı No: 215 Şişli, İstanbul, Türkiye Phone: +90 212 217 17 00 E-mail: info@avespublishing.com Web: www.avespublishing.com



The Eurasian Journal of Medicine

Official Journal of Atatürk University School of Medicine

About the Eurasian Journal of Medicine

The Eurasian Journal of Medicine is a peer reviewed, open access, onlineonly journal. The journal is the official publication of Atatürk University School of Medicine.

The Eurasian Journal of Medicine is a continuously published journal in English. The journal has moved to continuous publication by volume from Volume 57. Articles are published in four issues per year (March, June, September, and December), with each issue gradually filling throughout the year as new articles are published.

Abstracting and Indexing

The Eurasian Journal of Medicine is covered in the following abstracting and indexing databases;

- PubMed Central
- Web of Science-Emerging Sources Citation Index
- China National Knowledge Infrastructure (CNKI)
- TUBITAK ULAKBIM TR Index
- Scopus
- DOAJ
- EBSCOCINAHI
- ProQuest
- Gale/Cengage
- Gale/CeCAS
- Cabells

All content published in the journal is permanently archived in Portico.

Aims, Scope, and Audience

The Eurasian Journal of Medicine aims to publish studies of the highest scientific and clinical value, and encourages the submission of high-quality research that advances the understanding and treatment of medicine.

The Eurasian Journal of Medicine covers a wide range of topics of the highest scientific and clinical value in all medical fields. The journal is interested in publishing original research that addresses important clinical questions and advances the understanding and treatment of these conditions. This may include studies on the effectiveness of different treatments, new diagnostic tools, or techniques.

The Eurasian Journal of Medicine publishes clinical and basic research articles, systematic reviews and meta-analyses, and letters to the editor. Conference proceedings may also be considered for publication.

The target audience of the journal includes researchers, physicians and healthcare professionals who are interested or working in in all medical disciplines.

Open Access Policy

The Eurasian Journal of Medicine is an open access publication.

Starting on February 2019, all content published in the journal is licensed under the Creative Commons Attribution (CC BY) 4.0 International License which allows third parties to read, copy and redistribute the material in any format and adapt the material for any purpose immediately upon publication by giving the appropriate credit to the original work.

The content published before February 2019 was licensed under a traditional copyright, but the archive is still available for free access.

All published content is available online, free of charge at https://www.eaim.org/.

Authors retain unrestricted copyrights and publishing rights in the Eurasian Journal of Medicine.

When using previously published content, including figures, tables, or any other material in both print and electronic formats, authors must obtain permission from the copyright holder. Legal, financial and criminal liabilities in this regard belong to the author(s).

Copyright Policy

A Copyright Agreement and Acknowledgement of Authorship form should be submitted with all manuscripts. By signing this form, authors transfer the copyright of their work to the Eurasian Journal of Medicine and agree that the article, if accepted for publication by the Eurasian Journal of Medicine will be licensed under a Creative Commons Attribution (CC BY) 4.0 International License which allows third parties to read, copy and redistribute the material in any format and adapt the material for any purpose immediately upon publication by giving the appropriate credit to the original work.

When using previously published content, including figures, tables, or any other material in both print and electronic formats, authors must obtain permission from the copyright holder. Legal, financial and criminal liabilities in this regard belong to the author(s)

Authors retain the copyright of their published work in the Eurasian Journal of Medicine.

Publication Fee Policy

The Eurasian Journal of Medicine is funded by the Atatürk University School of Medicine.

Authors are not required to pay any fees during the evaluation and publication process.

