



TURKISH JOURNAL OF

Gastroenterology

OFFICIAL JOURNAL OF THE TURKISH SOCIETY OF GASTROENTEROLOGY

Is It Possible to Determine Plasma Cytomegalovirus DNA Cut-off and Develop a Scoring System to Predict Cytomegalovirus Gastrointestinal Disease?

See page 798

844 *Comparison of Endoscopic, Radiological, and High-Resolution Manometry Findings with Endosonographic Findings in Patients with Dysphagia*

866 *Regulatory Role of Long Noncoding RNAs LINC00449 in Hepatocellular Carcinoma Mechanism and Prognosis Via Sponge miR-329-3p/KIF5A Axis*



TURKISH JOURNAL OF Gastroenterology

OFFICIAL JOURNAL OF THE TURKISH SOCIETY OF GASTROENTEROLOGY

Editor in Chief

Aydın Şeref Köksal ^{ID}

Department of Gastroenterology, TOBB University of Economics and Technology Faculty of Medicine, Ankara, Türkiye

Section Editors

Hüseyin Alkım ^{ID}

Department of Gastroenterology, Şişli Etfal Education and Research Hospital, İstanbul, Türkiye

Yasemin Balaban ^{ID}

Department of Gastroenterology, Hacettepe University Faculty of Medicine, Ankara, Türkiye

Ülkü Dağlı ^{ID}

Department of Gastroenterology, Başkent University Faculty of Medicine, Ankara, Türkiye

İsmail Hakkı Kalkan ^{ID}

Department of Gastroenterology, TOBB University of Economics and Technology Faculty of Medicine, Ankara, Türkiye

Dilek Oğuz ^{ID}

Department of Gastroenterology, Kırıkkale University Faculty of Medicine, Kırıkkale, Türkiye

Fatih Tekin ^{ID}

Department of Gastroenterology, Kırıkkale University Faculty of Medicine, Kırıkkale, Türkiye

İlker Turan ^{ID}

Department of Gastroenterology, Ege University Faculty of Medicine, İzmir, Türkiye

Associate Editors

Çağdaş Aktan ^{ID}

Department of Medical Biology, Bandırma Onyedi Eylül University, Balıkesir, Türkiye

Mehmet Asıl ^{ID}

Division of Internal Medicine, Department of Gastroenterology, Necmettin Erbakan University Meram Faculty of Medicine, Konya, Türkiye

Göksel Bengi ^{ID}

Department of Gastroenterology, Dokuz Eylül University Faculty of Medicine, İzmir, Türkiye

Nilay Danış ^{ID}

Department of Gastroenterology, Dokuz Eylül University, İzmir, Türkiye

Cumali Efe

Department of Gastroenterology, Gazi Yaşargil Education and Research Hospital, Diyarbakır, Türkiye

Ahmet Tarık Eminler ^{ID}

Department of Gastroenterology, Sakarya University Faculty of Medicine, Sakarya, Türkiye

Çağdaş Erdoğan ^{ID}

Department of Gastroenterology, Ankara Etlik City Hospital, Ankara, Türkiye

İlkay Ergenç ^{ID}

Department of Gastroenterology, Marmara University School of Medicine, İstanbul, Türkiye
Institute of Liver Studies, King's College Hospital, London, UK

Hüseyin Savaş Göktürk ^{ID}

Department of Gastroenterology, Başkent University Faculty of Medicine, Ankara, Türkiye

Özlem Gül

Department of Internal Medicine/ Gastroenterology, Lokman Hekim University Faculty of Medicine, Ankara

Gülşah Gündoğdu ^{ID}

Department of Physiology, Pamukkale University Faculty of Medicine, Denizli, Türkiye

Burcu Güven ^{ID}

Department of Pediatric Gastroenterology, Karadeniz Technical University Faculty of Medicine, Trabzon, Türkiye

Gözde Derviş Hakim ^{ID}

Department of Gastroenterology, University of Health Sciences İzmir City Hospital, İzmir, Türkiye

Deniz Cansen Kahraman ^{ID}

Graduate School of Informatics, Middle East Technical University, Ankara, Türkiye

Asuman Nur Karhan ^{ID}

Department of Pediatric Gastroenterology, Ankara Etlik City Hospital, Ankara, Türkiye

Haluk Tarık Kani ^{ID}

Department of Gastroenterology, Marmara University Faculty of Medicine, İstanbul, Türkiye

Dilara Turan Gökçe ^{ID}

Ankara Sincan Education and Research Hospital, Ankara, Türkiye

Tarkan Karakan ^{ID}

Department of Gastroenterology, Gazi University Faculty of Medicine, Beşevler, Ankara, Türkiye

Serkan Öcal ^{ID}

Department of Gastroenterology, Antalya Training and Research Hospital, University of Health Sciences, Antalya, Türkiye

Volkan Öter ^{ID}

Department of Gastrointestinal Surgery, Ankara City Hospital, Ankara, Türkiye



TURKISH JOURNAL OF
Gastroenterology
OFFICIAL JOURNAL OF THE TURKISH SOCIETY OF GASTROENTEROLOGY

Cem Şimşek 
Department of Gastroenterology,
Hacettepe University Faculty of Medicine,
Ankara, Türkiye

Salih Tokmak 
Department of Gastroenterology, Düzce
University Faculty of Medicine, Düzce,
Türkiye

Yiğit Uyanıkgil 
Department of Histology and Embryology,
Ege University Faculty of Medicine, İzmir,
Türkiye

Suna Yapalı 
Department of Gastroenterology, Acıbadem
University, Altunizade Acıbadem Hospital,
İstanbul, Türkiye

Öykü Tayfur Yürekli 
Department of Gastroenterology, Ankara
Yıldırım Beyazıt University Faculty of
Medicine, Ankara, Türkiye

International Associate Editor

Ahmet Gürakar 
Department of Gastroenterology and
Hepatology, Johns Hopkins University
School of Medicine, Baltimore, USA



General Manager
İbrahim Kara

Publications Director
Deniz Kaya

Publication Coordinators
Şevval Akkaya
Nisanur Atıcı
Ceren Barut
Lütfiye Çetin
Şeref Mert Gücün
Şebnemnur Oklu

Finance Coordinator
Gözde Doğan

Web Coordinator
Ayça Nur Sezen

Editor in Chief: Aydın Şeref Koksak
Address: Mustafa Kemal Mahallesi, 2126 Sokak, Kolbay İş
Merkezi, C blok, No.: 6-9, Cankaya, Ankara, Türkiye
Phone: +90 312 284 15 11
Fax: +90 312 284 80 75
E-mail: dernek@tgd.org.tr

Publishing Service: AVES
Address: Halaskargazi Mah. Halaskargazi Cad. No: 38-66E İç
Kapı No: 215 Şişli, İstanbul, Türkiye
Phone: +90 212 217 17 00
Fax: +90 212 217 22 92
E-mail: info@avespublishing.com
Web page: avespublishing.com



About the Turkish Journal of Gastroenterology

Turkish Journal of Gastroenterology is a peer reviewed, open access, online-only journal published by the Turkish Society of Gastroenterology.

Turkish Journal of Gastroenterology is a monthly publication that is published in English.

Abstracting and Indexing

Turkish Journal of Gastroenterology is covered in the following abstracting and indexing databases; Web of Science-Science Citation Index Expanded, PubMed/MEDLINE, EMBASE, Scopus, DOAJ, China National Knowledge Infrastructure (CNKI), TUBITAK ULAKBIM TR Index, EBSCO, Gale.

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

Aims, Scope, and Audience

Turkish Journal of Gastroenterology 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 gastroenterology and hepatology issues.

Turkish Journal of Gastroenterology covers a wide range of topics related to gastroenterology and hepatology, including diagnostic methods, treatment techniques, and prevention strategies. 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, and novel approaches to preventing or managing gastrointestinal, hepatic, and related conditions.

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

The target audience of the journal includes healthcare professionals, physicians, and researchers who are interested in or working in the gastroenterology and hepatology field, and related disciplines.

Open Access Policy

Turkish Journal of Gastroenterology is an open access publication.

Starting on August 2022, 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 August 2022, 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 turkjgastroenterol.org.

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 Turkish Journal of Gastroenterology.



Copyright Policy

A Copyright Agreement and Acknowledgement of Authorship form should be submitted with all manuscripts. Authors should submit the Copyright Agreement and Acknowledgement of Authorship form to the online submission system during the first revision. By signing this form, authors transfer the copyright of their work to the Turkish Society of Gastroenterology and agree that the article, if accepted for publication by the Turkish Journal of Gastroenterology 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.

Publication Fee Policy

Starting on February 1, 2023, the Turkish Journal of Gastroenterology will collect an article processing charge (APC) for all articles.

Upon acceptance of the manuscript, authors should transfer the payment to the account stated in the acceptance letter. Following the transfer, please send your receipt of payment to turkjgastroenterol@avesyayincilik.com. Effective February 18, 2025, the APC for Turkish Journal of Gastroenterology is adjusted. Below is a list of APC amounts based on the type of manuscript.

- Original Article/Review – 1800 USD (VAT included) + 3% Transaction Fee (54 USD)
- Letter to the Editor – 1080 USD (VAT included) + 3% Transaction Fee (32 USD)
- Research Letter – 1080 USD (VAT included) + 3% Transaction Fee (32 USD)
- Video Article – 600 USD (VAT included) + 3% Transaction Fee (18 USD)

For manuscripts submitted and accepted before February 18, 2025, below is a list of APC amounts based on the type of manuscript.

- Original Article/Review – 1200 USD (VAT included) + 3% Transaction Fee (36 USD)
- Letter to the Editor – 720 USD (VAT included) + 3% Transaction Fee (22 USD)
- Research Letter – 720 USD (VAT included) + 3% Transaction Fee (22 USD)
- Video Article – 480 USD (VAT included) + 3% Transaction Fee (14 USD)

Please note that all submissions are evaluated by the Editorial Board and the external reviewers in terms of scientific quality and ethical standards. APC payments do not affect the outcome of the article's evaluation or its publication priority.

There are no surcharges based on the length of an article, figures, or supplementary data.

Any financial contribution or support received from third parties for a manuscript should be disclosed at the time of initial submission. Should APC be paid by a third party other than the author or the author's institution, authors must provide this information on the title page and ICMJE Disclosure Form.

APCs cover the expenses for publishing services the journal provides, including costs of peer review administration and management, professional production of articles in PDF and other formats, and dissemination of published papers in various venues and other publishing functions.





Table of Contents

Original Articles

Gastrointestinal Tract

798 Is It Possible to Determine Plasma Cytomegalovirus DNA Cut-off and Develop a Scoring System to Predict Cytomegalovirus Gastrointestinal Disease?

Gizem Karahan, Sehnaz Alp, Merve Kasikci, Alpaslan Alp, Cenk Sokmensuer, Taylan Kav

807 Best Treatment Options for Severe Helicobacter pylori Infections

Gulhan Kanat Unler, Ozgur Hilal Erinanc, Aydin Karakoca, Huseyin Savas Gokturk

813 Alectinib and SALL4-Targeted Fatty Acid Oxidation: A Strategy to Combat Oxaliplatin Resistance in Gastric Cancer

Yangbin Xiao, Kaining Fang, Jian Liao, Houwu Zhou, Weidong Zhu, Zheng Liu, Hui Ouyang, Ke Liu

822 Three-Decade Analysis of Inflammatory Bowel Disease in Türkiye: A Multicenter Study (1993-2024)

Muhammed Bahaddin Durak, Yasir Furkan Cagin, Ayhan Balkan, Yusuf Coskun, Tarkan Karakan, Yavuz Cagir, Yavuz Beyazit, Ali Atay, Ali Can Erdem, Guray Can, Engin Altinkaya, Hakan Dursun, Orhan Coskun, Mehmet Rasit Ayte, Mevlut Hamamci, Ilyas Tenlik, Cem Simsek, Abdurrahman Sahin, Huseyin Koseoglu, Mustafa Akar, Kenan Kosar, Bulent Albayrak, Eylem Karatay, Murat Kekilli, Mehmet Asil, Hilmi Ataseven, Mehmet Cindoruk, Ilhami Yuksel

834 Can Creeping Fat Be a Prognostic Factor in Crohn's Disease?

Naime Demiral, Fatma Ayça Edis Özdemir, Fatih Kıvrakoğlu, Öykü Tayfur Yürekli, Fatma Ebru Akın, Mustafa Tahtacı, Fırat Saraltın

Gastrointestinal Endoscopy

844 Comparison of Endoscopic, Radiological, and High-Resolution Manometry Findings with Endosonographic Findings in Patients with Dysphagia

Aslıhan Bayır, Elif Yorulmaz, Deniz Öğütmen Koç, Hatice Yorulmaz

Pancreatobiliary

852 Diagnostic and Predictive Features of Pancreatic Cysts Using Endoscopic Ultrasound: A Retrospective Analysis from a Single Centre

Ayşegül Dumludağ, Mehmet Cindoruk

858 Long-Term All-Cause Mortality After Acute Pancreatitis: Median 7-Year Follow-Up

Elmas Biberici Keskin, Bahadır Taşlıdere, Sercan Kiremitçi, İbrahim Hakkı Köker, Özlem Toluk, Hakan Şentürk

Liver

866 Regulatory Role of Long Noncoding RNAs LINC00449 in Hepatocellular Carcinoma Mechanism and Prognosis Via Sponge miR-329-3p/KIF5A Axis

Yangyang Tang, Jinhuan Lin, Xiaobin Chi, Yichuan Zhang

875 IREB2 Knockdown Alleviates High-Fat Diet-Induced Nonalcoholic Fatty Liver Disease by TLR4/NF-κB Signaling Inactivation

Yongmin Hu, Shengjun Zhang, Qingjian Jiang, Tengqian Chen, Jia Luo, Yigui Jiang

Letter to the Editor

Liver

885 Alfuzosin-Induced Autoimmune Hepatitis: A Rare Case Report

Mustafa Ergin, Kenan Moral, Ali Karataş, Murat Kekilli