

# Management of Primary Biliary Cholangitis: Current Treatment and Future Perspectives

See page 89

**118** Middle East and North Africa Registry to Characterize Rate of RAS Testing Status in Newly Diagnosed Patients with Metastatic Colorectal Cancer

> **140** A Single Tertiary Center 14-year Experience With Mesenteric Panniculitis in Turkey: A Retrospective Study of 716 Patients





#### **Editor in Chief**

Aydın Şeref Köksal🕩

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

#### **Section Editors**

Orhan Sezain

Department of Gastroenterology, Mersin University Faculty of Medicine, Mersin, Turkey

Sedef Özdal Kuran

Department of Gastroenterology, Çukurova University Faculty of Medicine, Adana, Turkey

Murat Akyıldız🕩

Department of Gastroenterology, Koç University Faculty of Medicine, İstanbul, Turkev Gökhan Kabacam

Department of Gastroenterology, Ankara Güven Hospital, Ankara, Turkey Department of Internal Medicine, Yuksek İhtisas University Faculty of Medicine, Ankara, Turkey

Ülkü Dağlı

Department of Gastroenterology, Başkent University Faculty of Medicine, Ankara, Turkey İsmail Hakkı Kalkan

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

Engin Altıntaş

Department of Gastroenterology, Mersin University Faculty of Medicine, Mersin, Turkey

Fatih Tekin

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

#### **Associate Editors**

Dinç Dinçer

Department of Gastroenterology, Akdeniz University Faculty of Medicine, Antalya, Turkey

Yasemin Balaban🕩

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

Hale Gökcan®

Department of Gastroenterology, Ankara University Faculty of Medicine, Ankara, Turkey

İlker Turan🕒

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

Cumali Efe

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

Hüseyin Savaş Göktürk 🕩

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

Göksel Bengi

Department of Gastroenterology, Dokuz Eylül University Faculty of Medicine, İzmir, Turkey Abdullah Emre Yıldırım

Department of Gastroenterology, Memorial Bahçelievler Hospital, İstanbul, Turkey

Tarkan Karakan🕩

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

Haluk Tarık Kani

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

Salih Tokmak®

Department of Gastroenterology, Düzce University Faculty of Medicine, Düzce, Turkey

Öykü Tayfur Yürekli🕩

Department of Gastroenterology, Ankara Yıldırım Beyazıt University Faculty of Medicine, Ankara, Turkey

Aslı Çiftçibaşı Örmeci

Department of Gastroenterology, İstanbul University İstanbul Faculty of Medicine, İstanbul, Turkey

Suna Yapalı

Department of Gastroenterology, Acıbadem University, Altunizade Acıbadem Hospital, İstanbul, Turkey Hüsevin Alkım®

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

Erkin Öztaş®

Department of Gastroenterology, Acıbadem Maslak Hospital, İstanbul, Turkey

Mehmet Asıl

Department of Gastroenterology, Necmettin Erbakan University Meram Faculty of Medicine, Konya, Turkey

Özlem Gül

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

Cem Şimşek®

Department of Gastroenterology, Health Sciences University, Mehmet Akif İnan Education and Research Hospital, İstanbul, Turkey

Serkan Öcal

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

Volkan Öter

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



Ödül Eğritaş Gürkan 🕩

Department of Pediatric Gastroenterology, Gazi University Faculty of Medicine, Ankara,

Ciğdem Ömür Ecevit

Department of Pediatric Gastroenterology, Health Sciences University, Dr. Behçet Uz Children Hospital, İzmir, Turkey

#### Statistical Editor

Gülşah Şeydaoğlu Department of Biostatistics, Çukurova University Faculty of Medicine, Adana, Turkey

Neiat Akar

Department of Pediatrics and Molecular Genetics, TOBB University of Economics & Technology Faculty of Medicine, Ankara, Turkey

Gülşah Gündoğdu

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

Fatih Eren

University, İstanbul, Turkey

Başak Çeltikçi

Department of Medical Biochemistry, Hacettepe University Faculty of Medicine, Ankara, Turkey

Department of Medical Biology, Marmara

#### **International Associate Editor**

Ahmet Gürakar

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

**Founder** İbrahim Kara

**General Manager** Ali Şahin

**Finance Coordinator** Elif Yıldız Çelik

Journal Managers İrem Soysal Bahar Álbayrak

Deniz Kaya Irmak Berberoğlu

**Publications Coordinators** 

Gökhan Çimen Arzu Arı Alara Ergin Hira Gizem Fidan İrem Özmen

**Project Coordinators** 

Doğan Oruç Sinem Fehime Koz Address: Büyükdere Cad. No: 105/9 34394 Mecidiyeköy, Şişli, İstanbul-Turkey Phone: +90 212 217 17 00

E-mail: info@avesyayincilik.com



# **Aims and Scope**

The Turkish Journal of Gastroenterology (Turk J Gastroenterol) is the double-blind peer-reviewed, open access, publication organ of the Turkish Society of Gastroenterology. The journal is a monthly publication and its publication language is English.

The Turkish Journal of Gastroenterology aims to publish international at the highest clinical and scientific level on original issues of gastroenterology and hepatology. The journal publishes original papers, review articles, and letters to the editor on clinical and experimental gastroenterology and hepatology.

The editorial and publication processes of the journal are shaped in accordance with the guidelines of the International Committee of Medical Journal Editors (ICMJE), World Association of Medical Editors (WAME), Council of Science Editors (CSE), Committee on Publication Ethics (COPE), European Association of Science Editors (EASE), and National Information Standards Organization (NISO). The journal is in conformity with the Principles of Transparency and Best Practice in Scholarly Publishing (doaj.org/bestpractice).

The Turkish Journal of Gastroenterology is indexed in Science Citation Index Expanded, PubMed/MEDLINE, EMBASE, Scopus, DOAJ, China National Knowledge Infrastructure (CNKI), TUBITAK ULAKBIM TR Index, EBSCO and Gale.

All manuscripts must be submitted via the online submission system, which is available at www.turkjgastroenterol.org. The journal guidelines, technical information, and the required forms are available on the journal's web page.

All expenses of the journal are covered by the Turkish Society of Gastroenterology. Potential advertisers should contact the Editorial Office. Advertisement images are published only upon the Editor-in-Chief's approval.

Statements or opinions expressed in the manuscripts published in the journal reflect the views of the author(s) and not the opinions of the Turkish Society of Gastroenterology,

editors, editorial board, and/or publisher; the editors, editorial board, and publisher disclaim any responsibility or liability for such materials.

#### Open Access Statement

The Turkish Journal of Gastroenterology is an open access publication, and the journal's publication model is based on Budapest Open Access Initiative (BOAI) declaration. All published content is available online, free of charge at www. turkjgastroenterol.org. Authors retain the copyright of their published work in The Turkish Journal of Gastroenterology. The journal's content is licensed under a Creative Commons Attribution (CC BY) 4.0 International License which permits third parties to share and adapt the content for any purpose by giving the apropriate credit to the original work.

From August 2022 onwards, content is licensed under a Creative Commons CC BY 4.0 license. The journal's back content was published under a traditional copyright license however the archive is available for free access.

You can find the current version of the Instructions to Authors at: https://www.turkjgastroenterol.org/en/instructions-to-authors-1016.

Editor in Chief: Aydın Şeref Köksal

Address: Mustafa Kemal Mahallesi, 2126 Sokak, Kolbay İş Merkezi, C blok, No.: 6-9, Çankaya, Ankara, TURKEY

Phone: +90 312 284 15 11 Fax: +90 312 284 80 75 E-mail: dernek@tgd.org.tr

Publisher: AVES

Address: Büyükdere Cad., 105/9 34394 Mecidiyeköy, Şişli,

İstanbul, TÜRKEY

Phone: +90 212 217 17 00 Fax: +90 212 217 22 92 E-mail: info@avesyayincilik.com Web page: avesyayincilik.com







## **Table of Contents**

#### Review

#### Liver

**89** Management of Primary Biliary Cholangitis: Current Treatment and Future Perspectives Romelia Barba Bernal, Bryan Ferrigno, Esli Medina Morales, Cristina M. Castro, Daniela Goyes, Hirsh Trivedi, Vilas R. Patwardhan,

### **Original Article**

Alan Bonder

#### **Gastrointestinal Tract**

**101** Clinicopathological Features of Sessile Serrated Polyps in China: A Retrospective Study of a Tertiary Hospital

Zhi-Jie Wang, Cheng Luo, Lin-lin Zhao, Shi-yu Li, Hong-yu Fu, Xiao-ju Su, Zhao-Shen Li

**108** Low Muscle Mass Is Associated with Readmission for Inflammatory Bowel Disease

Sifan Liu, Zibin Tian, Yueping Jiang, Xueli Ding, Shengbo Jin, Xue Jing

118 Middle East and North Africa Registry to Characterize Rate of RAS Testing Status in Newly Diagnosed Patients with Metastatic Colorectal Cancer Mohammed Oukkal, Kamel Bouzid, Adda Bounedjar, Abdulsalam Alnajar, Fouad Abou Taleb, Abdullah Alsharm, Hassen Mahfouf, Blaha Larbaoui, Amr Abdelaziz, Assia Ouamer, Linah Bashir

**128** Prognostic Significance of Hemoglobin/Prognostic Nutritional Index and Hemoglobin/Red Blood Cell Distribution in Rectal Cancer

Elif Tuğba Tuncel, Murtaza Parvizi, Engin Kut, Mesut Aydın, Elmas Kasap

**135** Spectrum of Primary Gastric Lymphoma in India: A Series of 30 Patients

Akash Mathur, Uday C. Ghoshal, Sushil Kumar, Neeraj Kumari, Narendra KrishnaniGastrointestinal Surgery

#### **Gastrointestinal Surgery**

**140** A Single Tertiary Center 14-year Experience With Mesenteric Panniculitis in Turkey: A Retrospective Study of 716 Patients

Hüseyin Atacan, Murat Erkut, Ferhat Değirmenci, Selçuk Akkaya, Sami Fidan, Arif M. Coşar

#### Liver

**148** Association Between Serum Vitamin C and Nonalcoholic Fatty Liver Disease: A Cross-sectional Study Maodong Guo, Xiaohua Ye, Xin Shi

**156** Biologic Therapy Carries a Very Low Risk of Reactivation in Hepatitis B Surface Antigen-Negative Phase of Hepatitis B

İlkay Ergenç, Haluk Tarık Kani, Murat Karabacak, Elif Cömert Özer, Shahin Mehdiyev, Fuad Jafarov, Kerem Yiğit Abacar, Seda Kutluğ Ağaçkıran, Gizem Sevik, Rahmi Aslan, Fatma Alibaz Öner, Nevsun İnanç, Mehmet Pamir Atagündüz, Dilek Seçkin, Yeşim Özen Alahdab, Tülin Ergun, Haner Direskeneli, Özlen Atuğ

**161** Coffee-Derived Exosome-Like Nanoparticles: Are They the Secret Heroes?

Murat Kantarcıoğlu, Gülşen Yıldırım, Pınar Akpınar Oktar, Serpil Yanbakan, Zeynep Büşra Özer, Deniz Yurtsever Sarıca, Serpil Taşdelen, Emel Bayrak, Dilara Fatma Akın Balı, Seçkin Öztürk, Kamil Can Akçalı, Üstün Ezer, Ahmet Emin Kürekçi

**170** Diagnostic and Prognostic Value of Monocyteto-Lymphocyte Ratio and Red Cell Distribution Width to Lymphocyte Ratio in Primary Biliary Cholangitis Yanting Jiang, Jian Wang, Huiling Wu, Wei Zhou, Sihui Li, Min Jin

**177** Management of Biliary Complications in Liver Transplant Recipients with Duct-To-Duct Anastomosis: A Single-Center Experience

Muhammed Fatih Karakaya, Erdem Er, Onur Kırımker, Mesut Gümüşsoy, Emin Bodakçi, Mubin Özercan, Beyza Doğanay Erdoğan, Hale Gökcan, Meltem Koloğlu, Kaan Karayalçın, Cihan Yurdaydın, Acar Tüzüner, Selçuk Haznedaroğlu, Kubilay Çınar, Hasan Özkan, Ramazan Idilman