



TURKISH JOURNAL OF

Gastroenterology

OFFICIAL JOURNAL OF THE TURKISH SOCIETY OF GASTROENTEROLOGY

“Validity and Reliability of the measure yourself medical outcome profile 2 (MYMOP2) questionnaire among Turkish patients having anorectal disorders”

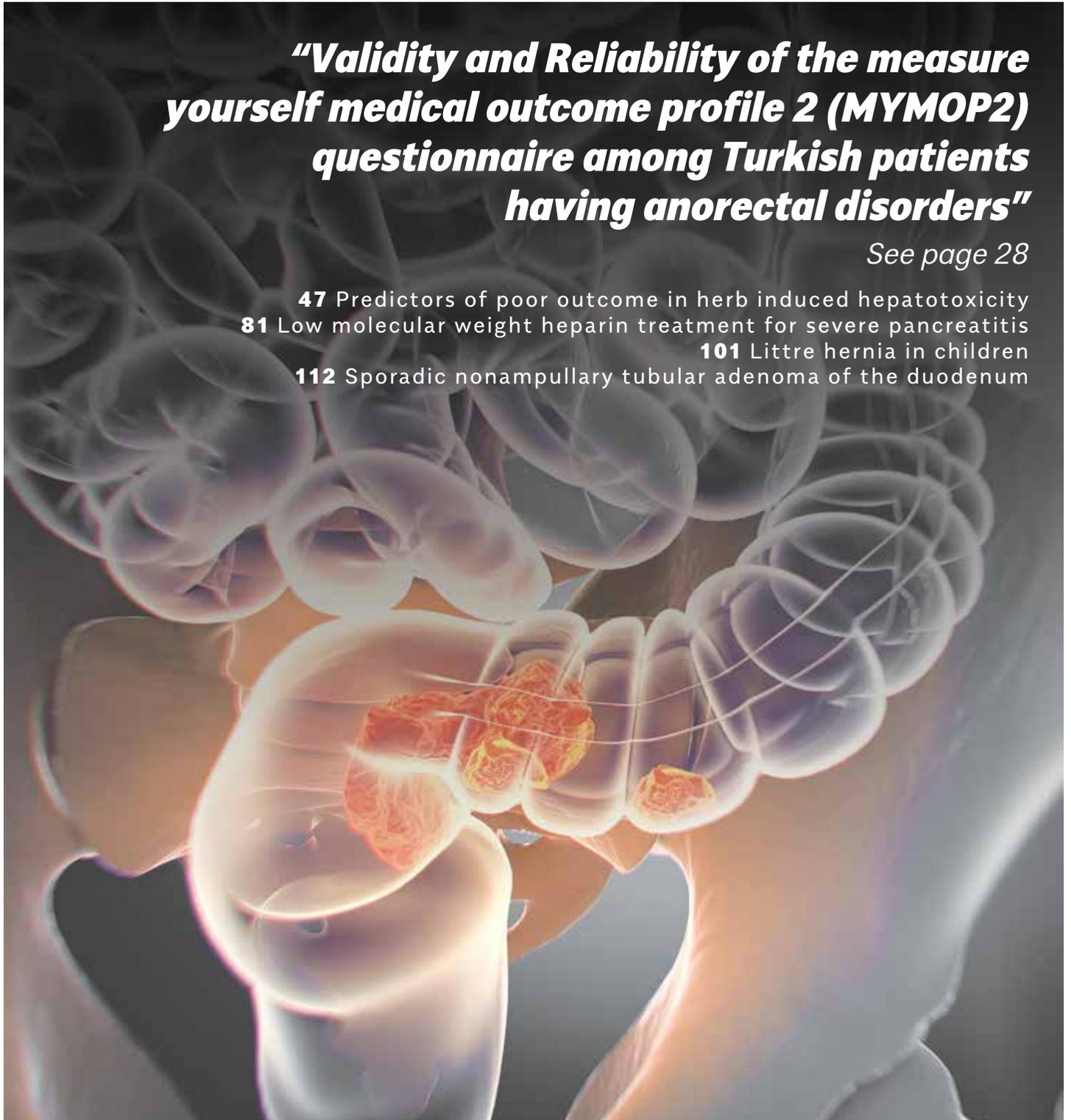
See page 28

47 Predictors of poor outcome in herb induced hepatotoxicity

81 Low molecular weight heparin treatment for severe pancreatitis

101 Littre hernia in children

112 Sporadic nonampullary tubular adenoma of the duodenum





Editor in Chief

Osman Cavit Özdoğan

Department of Gastroenterology, Marmara University School of Medicine, İstanbul, Turkey

Section Editors

Ayhan Hilmi Çekin

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

Ramazan İdilman

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

Tarkan Karakan

Department of Gastroenterology, Gazi University School of Medicine, Ankara, Turkey

Yeşim Öztürk

Department of Pediatric Gastroenterology, Dokuz Eylül University School of Medicine, İzmir, Turkey

Murat Saruç

Department of Internal Medicine, Division of Gastroenterology, Acıbadem University School of Medicine, İstanbul, Turkey

Berrak Yeğen

Department of Physiology, Marmara University School of Medicine, İstanbul, Turkey

Associate Editors

Mesut Akarsu

Department of Gastroenterology, Dokuz Eylül University School of Medicine, İzmir, Turkey

Filiz Akyüz

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

Canan Alkim

Clinic of Gastroenterology, Şişli Etfal Training and Research Hospital, İstanbul, Turkey

Nural Bekiroğlu

Department of Biostatistics, Marmara University School of Medicine, İstanbul, Turkey

Ayhan Bozkurt

Department of Physiology, Ondokuz Mayıs University School of Medicine, Samsun, Turkey

Mehmet Bülbül

Department of Physiology, Akdeniz University School of Medicine, Antalya, Turkey

Ülkü Dağlı

Department of Gastroenterology, Başkent University School of Medicine, Ankara, İstanbul, Turkey

International Associate Editor

Ali Canbay

Department of Gastroenterology, Hepatology, and Infectious Diseases, Magdeburg University Hospital, Magdeburg, Germany

Selçuk Dişibeyaz

Department of Gastroenterology, Eskişehir Osmangazi University School of Medicine, Eskişehir Turkey

Deniz Güney Duman

Department of Gastroenterology, Marmara University School of Medicine, İstanbul, Turkey

Fulya Günşar

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

Aydın Şeref Köksal

Department of Gastroenterology, Sakarya University School of Medicine, Sakarya, Turkey

Zarife Kuloğlu

Department of Pediatric Gastroenterology, Ankara University School of Medicine, Ankara, Turkey

Dilek Oğuz

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

Ahmet Gürakar

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

Sedef Özdal Kuran

Department of Gastroenterology, Çukurova University School of Medicine, Balçalı Hospital, Adana, Turkey

Sinan Sarı

Department of Pediatric Gastroenterology, Gazi University School of Medicine, Ankara, Turkey

Müjde Soytürk

Department of Gastroenterology, Dokuz Eylül University School of Medicine, İzmir, Turkey

Fatih Tekin

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

İlker Turan

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

Yücel Üstündağ

Department of Gastroenterology, Bülent Ecevit University School of Medicine, Zonguldak, Turkey

Müjdat Zeybel

Department of Gastroenterology, Koç University Hospital, İstanbul, Turkey

Production Coordinator

Cem Aygün

Department of Gastroenterology, Acıbadem Hospital, İstanbul, Turkey



Publisher

İbrahim KARA

Publication Director

Ali ŞAHİN

Finance and Administration

Zeynep YAKIŞIRER

Deputy Publication Director

Gökhan ÇİMEN

Editorial Development

Gizem KAYAN

Publication Coordinators

Betül ÇİMEN

Özlem ÇAKMAK

Okan AYDOĞAN

İrem DELİÇAY

Arzu YILDİRIM

Project Assistants

Ecenur ASLIM

Doğan ORUÇ

Sinem KOZ

Graphics Department

Ünal ÖZER

Deniz DURAN

Beyzanur KARABULUT

Address: Büyükdere Cad. No:
105/9 34394 Mecidiyeköy, Şişli,
İstanbul-Turkey
Phone: +90 212 217 17 00
Fax: +90 212 217 22 92
E-mail: info@avesyayincilik.com



Aims and Scope

Turkish Journal of Gastroenterology (*Turk J Gastroenterol*) is the double-blind peer-reviewed, open access, international publication organ of the Turkish Society of Gastroenterology. The journal is a bimonthly publication, published on January, March, May, July, September, November and its publication language is English.

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, Scopus, and TUBITAK ULAKBIM TR Index.

Processing and publication are free of charge with the journal. No fees are requested from the authors at any point throughout the evaluation and publication process. All manuscripts must be submitted via the online submission system, which is available at 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.

All published content is available online, free of charge at turkjgastroenterol.org. Printed copies of the journal are distributed to the members of the Turkish Society of Gastroenterology, free of charge.

Turkish Society of Gastroenterology holds the international copyright of all the content published in the journal.

Editor in Chief: Prof. Osman Cavit Özdoğan
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, TURKEY
Phone: +90 212 217 17 00
Fax: +90 212 217 22 92
E-mail: info@avesyayincilik.com
Web page: avesyayincilik.com





Instructions to Authors

Turkish Journal of Gastroenterology (*Turk J Gastroenterol*) is the double-blind peer-reviewed, open access, international publication organ of the Turkish Society of Gastroenterology. The journal is a bimonthly publication, published on January, March, May, July, September, November and its publication language is English.

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 Council of Medical Journal Editors (*ICMJE*), the World Association of Medical Editors (*WAME*), the Council of Science Editors (*CSE*), the Committee on Publication Ethics (*COPE*), the European Association of Science Editors (*EASE*), and National Information Standards Organization (*NISO*). The journal conforms to the Principles of Transparency and Best Practice in Scholarly Publishing (doaj.org/bestpractice).

Originality, high scientific quality, and citation potential are the most important criteria for a manuscript to be accepted for publication. Manuscripts submitted for evaluation should not have been previously presented or already published in an electronic or printed medium. The journal should be informed of manuscripts that have been submitted to another journal for evaluation and rejected for publication. The submission of previous reviewer reports will expedite the evaluation process. Manuscripts that have been presented in a meeting should be submitted with detailed information on the organization, including the name, date, and location of the organization.

Manuscripts submitted to the Turkish Journal of Gastroenterology will go through a double-blind peer-review process. Each submission will be reviewed by at least two external, independent peer reviewers who are experts in their fields in order to ensure an unbiased evaluation process. The editorial board will invite an external and independent editor to manage the evaluation processes of manuscripts submitted by editors or by the editorial board members of the journal. The Editor in Chief is the final authority in the decision-making process for all submissions.

An approval of research protocols by the Ethics Committee in accordance with international agreements (*World Medical Association Declaration of Helsinki "Ethical Principles for Medical Research In-*

volving Human Subjects," amended in October 2013, www.wma.net) is required for experimental, clinical, and drug studies and for some case reports. If required, ethics committee reports or an equivalent official document will be requested from the authors. For manuscripts concerning experimental research on humans, a statement should be included that shows that written informed consent of patients and volunteers was obtained following a detailed explanation of the procedures that they may undergo. For studies carried out on animals, the measures taken to prevent pain and suffering of the animals should be stated clearly. Information on patient consent, the name of the ethics committee, and the ethics committee approval number should also be stated in the Materials and Methods section of the manuscript. It is the authors' responsibility to carefully protect the patients' anonymity. For photographs that may reveal the identity of the patients, releases signed by the patient or their legal representative should be enclosed.

All submissions are screened by a similarity detection software (*iThenticate* by *CrossCheck*).

In the event of alleged or suspected research misconduct, e.g., plagiarism, citation manipulation, and data falsification/fabrication, the Editorial Board will follow and act in accordance with *COPE* guidelines.

Each individual listed as an author should fulfill the authorship criteria recommended by the International Committee of Medical Journal Editors

(*ICMJE-www.icmje.org*). The *ICMJE* recommends that authorship be based on the following 4 criteria:

- 1 *Substantial contributions to the conception or design of the work; or the acquisition, analysis, or interpretation of data for the work; AND*
- 2 *Drafting the work or revising it critically for important intellectual content; AND*
- 3 *Final approval of the version to be published; AND*
- 4 *Agreement to be accountable for all aspects of the work in ensuring that questions related to the accuracy or integrity of any part of the work are appropriately investigated and resolved.*

In addition to being accountable for the parts of the work he/she has done, an author should be able to identify which co-authors are responsible for specific other parts of the work. In addition, authors should have confidence in the integrity of the contributions of their co-authors.



All those designated as authors should meet all four criteria for authorship, and all who meet the four criteria should be identified as authors. Those who do not meet all four criteria should be acknowledged in the title page of the manuscript.

Turkish Journal of Gastroenterology requires corresponding authors to submit a signed and scanned version of the authorship contribution form (*available for download through turkjgastroenterol.org*) during the initial submission process in order to act appropriately on authorship rights and to prevent ghost or honorary authorship. If the editorial board suspects a case of "gift authorship," the submission will be rejected without further review. As part of the submission of the manuscript, the corresponding author should also send a short statement declaring that he/she accepts to undertake all the responsibility for authorship during the submission and review stages of the manuscript.

Turkish Journal of Gastroenterology requires and encourages the authors and the individuals involved in the evaluation process of submitted manuscripts to disclose any existing or potential conflicts of interests, including financial, consultant, and institutional, that might lead to potential bias or a conflict of interest. Any financial grants or other support received for a submitted study from individuals or institutions should be disclosed to the Editorial Board. To disclose a potential conflict of interest, the ICMJE Potential Conflict of Interest Disclosure Form should be filled in and submitted by all contributing authors. Cases of a potential conflict of interest of the editors, authors, or reviewers are resolved by the journal's Editorial Board within the scope of COPE and ICMJE guidelines.

The Editorial Board of the journal handles all appeal and complaint cases within the scope of COPE guidelines. In such cases, authors should get in direct contact with the editorial office regarding their appeals and complaints. When needed, an ombudsperson may be assigned to resolve cases that cannot be resolved internally. The Editor in Chief is the final authority in the decision-making process for all appeals and complaints.

When submitting a manuscript to Turkish Journal of Gastroenterology, authors accept to assign the copyright of their manuscript to the Turkish Society of Gastroenterology. If rejected for publication, the copyright of the manuscript will be assigned back to the authors. Turkish Journal of Gastroenterology requires each submission to be accompanied by a Copyright Transfer Form (*available for download at turkjgastroenterol.org*). When using previously published content, including figures, tables, or any other material in both print and elec-

tronic formats, authors must obtain permission from the copyright holder. Legal, financial and criminal liabilities in this regard belong to the author(s).

Statements or opinions expressed in the manuscripts published in Turkish Journal of Gastroenterology reflect the views of the author(s) and not the opinions of the editors, the editorial board, or the publisher; the editors, the editorial board, and the publisher disclaim any responsibility or liability for such materials. The final responsibility in regard to the published content rests with the authors.

Manuscript Preparation

The manuscripts should be prepared in accordance with ICMJE-Recommendations for the Conduct, Reporting, Editing, and Publication of Scholarly Work in Medical Journals (*updated in December 2018* - <http://www.icmje.org/icmje-recommendations.pdf>). Authors are required to prepare manuscripts in accordance with the CONSORT guidelines for randomized research studies, STROBE guidelines for observational original research studies, STARD guidelines for studies on diagnostic accuracy, PRISMA guidelines for systematic reviews and meta-analysis, ARRIVE guidelines for experimental animal studies, and TREND guidelines for non-randomized public behavior.

Manuscripts can only be submitted through the journal's online manuscript submission and evaluation system, available at turkjgastroenterol.org. Manuscripts submitted via any other medium will not be evaluated.

Manuscripts submitted to the journal will first go through a technical evaluation process where the editorial office staff will ensure that the manuscript has been prepared and submitted in accordance with the journal's guidelines. Submissions that do not conform to the journal's guidelines will be returned to the submitting author with technical correction requests.

Authors are required to submit the following:

- Copyright Transfer Form,
- Author Contributions Form, and
- ICMJE Potential Conflict of Interest Disclosure Form (*should be filled in by all contributing authors*) during the initial submission. These forms are available for download at turkjgastroenterol.org.

Preparation of the Manuscript

Title page: A separate title page should be submitted with all submissions and this page should include:



- The full title of the manuscript as well as a short title (running head) of no more than 50 characters,
- Name(s), affiliations, and highest academic degree(s) of the author(s),
- Grant information and detailed information on the other sources of support,
- Name, address, telephone (including the mobile phone number) and fax numbers, and email address of the corresponding author,
- Acknowledgment of the individuals who contributed to the preparation of the manuscript but who do not fulfill the authorship criteria.

Abstract

An English abstract should be submitted with all submissions except for Letters to the Editor. Submitting a Turkish abstract is not compulsory for international authors. The abstract of Original Articles should be structured with subheadings (*Background/Aims, Materials and Methods, Results, and Conclusion*). Please check Table 1 below for word count specifications.

Table 1. Limitations for each manuscript type

Type of manuscript	Word limit	Abstract word limit	Reference limit	Table limit	Figure limit
Original Article	3500	250 (Structured)	30	6	7 or total of 15 images
Review Article	5000	250	50	6	10 or total of 20 images
Letter to the Editor	1000	No abstract	5	No tables	2 or total of 4 images
Diagnostic Challenge	1200	No abstract	5	No tables	7 or total of 15 images

Keywords: Each submission must be accompanied by a minimum of three to a maximum of six keywords for subject indexing at the end of the abstract. The keywords should be listed in full without abbreviations. The keywords should be selected from the National Library of Medicine, Medical Subject Headings database (<https://www.nlm.nih.gov/mesh/MBrowser.html>).

Manuscript Types

Original Articles: This is the most important type of article since it provides new information based on original research. The main text of original articles should be structured with Introduction, Materials and Methods, Results, and Discussion subheadings. Please check Table 1 for the limitations for Original Articles.

Statistical analysis to support conclusions is usually necessary. Statistical analyses must be conducted in accordance with international statistical reporting standards (Altman DG, Gore SM, Gardner MJ, Pocock SJ. Statistical guidelines for contributors to medical journals. *Br Med J* 1983; 7; 1489-93). Information on statistical analyses should be provided with a separate subheading under the Materials and Methods section and the statistical software that was used during the process must be specified.

Units should be prepared in accordance with the International System of Units (SI).

Editorial Comments

Editorial comments aim to provide a brief critical commentary by reviewers with expertise or with high reputation in the topic of the research article published in the journal. Authors are selected and invited by the journal to provide such comments. Abstract, Keywords, and Tables, Figures, Images, and other media are not included.

Review Articles

Reviews prepared by authors who have extensive knowledge on a particular field and whose scientific background has been translated into a high volume of publications with a high citation potential are welcomed. These authors may even be invited by the journal. Reviews should describe, discuss, and evaluate the current level of knowledge of a topic in clinical practice and should guide future studies. The main text should contain Introduction, Clinical and Research Consequences, and Conclusion sections. Please check Table 1 for the limitations for Review Articles.

Letters to the Editor

This type of manuscript discusses important parts, overlooked aspects, or lacking parts of a previously published article. Articles on subjects within the scope of the journal that might attract the readers' attention, particularly educative and rare cases, may also be submitted in the form of a "Letter to the Editor." Readers can also present their comments on the published manuscripts in the form of a "Letter to the Editor." Abstract, Keywords, and Tables, Figures, Images, and other media should not be included. The text should be unstructured. The manuscript that is being commented on must be properly cited within this manuscript.

Diagnostic Challenge

Turkish Journal of Gastroenterology encourages authors to submit their striking clinical images that may challenge and inform readers and contribute to their education. This type of submissions



should present the image as an “unknown” and should encourage the readers to interpret and diagnose the image. The answer will be presented on a separate page of the issue so the main text or the title should not reveal the answer. The case should be described in the first part; the answer should discuss the image findings and the diagnosis. The article should not be longer than 1200 words.

Quick look to guidelines

These manuscripts are summaries of published guidelines. Abstract, Keywords, and Tables, Figures, Images, and other media should not be included. The text should be unstructured. The guideline that is being summarized must be properly cited within the manuscript.

Tables

Tables should be included in the main document, presented after the reference list, and they should be numbered consecutively in the order they are referred to within the main text. A descriptive title must be placed above the tables. Abbreviations used in the tables should be defined below the tables by footnotes (*even if they are defined within the main text*). Tables should be created using the “insert table” command of the word processing software and they should be arranged clearly to provide easy reading. Data presented in the tables should not be a repetition of the data presented within the main text but should be supporting the main text.

Figures and Figure Legends

Figures, graphics, and photographs should be submitted as separate files (*in TIFF or JPEG format*) through the submission system. The files should not be embedded in a Word document or the main document. When there are figure subunits, the subunits should not be merged to form a single image. Each subunit should be submitted separately through the submission system. Images should not be labeled (*a, b, c, etc.*) to indicate figure subunits. Thick and thin arrows, arrowheads, stars, asterisks, and similar marks can be used on the images to support figure legends. Like the rest of the submission, the figures too should be blind. Any information within the images that may indicate an individual or institution should be blinded. The minimum resolution of each submitted figure should be 300 DPI. To prevent delays in the evaluation process, all submitted figures should be clear in resolution and large in size (*minimum dimensions: 100×100 mm*). Figure legends should be listed at the end of the main document.

All acronyms and abbreviations used in the manuscript should be defined at first use, both in the abstract and in the main text. The abbreviation should be provided in parentheses following the definition.

When a drug, product, hardware, or software program is mentioned within the main text, product information, including the name of the product, the producer of the product, and city and the country of the company (*including the state if in USA*), should be provided in parentheses in the following format: “Discovery St PET/CT scanner (*General Electric, Milwaukee, WI, USA*)”

All references, tables, and figures should be referred to within the main text, and they should be numbered consecutively in the order they are referred to within the main text. Limitations, drawbacks, and the shortcomings of original articles should be mentioned in the Discussion section before the conclusion paragraph.

References

While citing publications, preference should be given to the latest, most up-to-date publications. If an ahead-of-print publication is cited, the DOI number should be provided. Authors are responsible for the accuracy of references. Journal titles should be abbreviated in accordance with the journal abbreviations in Index Medicus/ MEDLINE/PubMed. When there are six or fewer authors, all authors should be listed. If there are seven or more authors, the first three authors should be listed followed by “et al.” In the main text of the manuscript, references should be cited using Arabic numbers in parentheses. The reference styles for different types of publications are presented in the following examples.

Journal Article

Rankovic A, Rancic N, Jovanovic M, et al. Impact of imaging diagnostics on the budget - Are we spending too much? *Vojnosanit Pregl* 2013; 70: 709-11.

Book Section

Suh KN, Keystone JS. Malaria and babesiosis. Gorbach SL, Barlett JG, Blacklow NR, editors. *Infectious Diseases*. Philadelphia: Lippincott Williams; 2004.p.2290-308.

Books with a Single Author

Sweetman SC. *Martindale the Complete Drug Reference*. 34th ed. London: Pharmaceutical Press; 2005.

Editor(s) as Author

Huizing EH, de Groot JAM, editors. *Functional reconstructive nasal surgery*. Stuttgart-New York: Thieme; 2003.

Conference Proceedings

Bengjsson S, Sothemin BG. Enforcement of data protection, privacy and security in medical informatics. In: Lun KC, Degoulet P, Piemme TE, Rienhoff O, editors. *MEDINFO 92. Proceedings of the 7th World*



Congress on Medical Informatics; 1992 Sept 6-10; Geneva, Switzerland. Amsterdam: North-Holland; 1992. pp.1561-5.

Scientific or Technical Report

Cusick M, Chew EY, Hoogwerf B, Agrón E, Wu L, Lindley A, et al. Early Treatment Diabetic Retinopathy Study Research Group. Risk factors for renal replacement therapy in the Early Treatment Diabetic Retinopathy Study (ETDRS), Early Treatment Diabetic Retinopathy Study Kidney Int. 2004. Report No: 26.

Thesis

Yılmaz B. Ankara Üniversitesindeki Öğrencilerin Beslenme Durumları, Fiziksel Aktiviteleri ve Beden Kitle İndeksleri Kan Lipidleri Arasındaki İlişkiler. H.Ü. Sağlık Bilimleri Enstitüsü, Doktora Tezi. 2007.

Manuscripts Accepted for Publication, Not Published Yet

Slots J. The microflora of black stain on human primary teeth. Scand J Dent Res. 1974.

Epub Ahead of Print Articles

Cai L, Yeh BM, Westphalen AC, Roberts JP, Wang ZJ. Adult living donor liver imaging. Diagn Interv Radiol. 2016 Feb 24. doi: 10.5152/dir.2016.15323. [Epub ahead of print].

Manuscripts Published in Electronic Format

Morse SS. Factors in the emergence of infectious diseases. Emerg Infect Dis (serial online) 1995 Jan-Mar (cited 1996 June 5): 1(1): (24 screens). Available from: URL: <http://www.cdc.gov/ncidod/EID/cid.htm>.

Revisions

When submitting a revised version of a paper, the author must submit a detailed "Response to the reviewers" that states point

by point how each issue raised by the reviewers has been covered and where it can be found (*each reviewer's comment, followed by the author's reply and line numbers where the changes have been made*) as well as an annotated copy of the main document. Revised manuscripts must be submitted within 30 days from the date of the decision letter. If the revised version of the manuscript is not submitted within the allocated time, the revision option may be canceled. If the submitting author(s) believe that additional time is required, they should request this extension before the initial 30-day period is over.

Accepted manuscripts are copy-edited for grammar, punctuation, and format. Once the publication process of a manuscript is completed, it is published online on the journal's webpage as an ahead-of-print publication before it is included in its scheduled issue. A PDF proof of the accepted manuscript is sent to the corresponding author and their publication approval is requested within 2 days of their receipt of the proof.

Editor in Chief: Prof. Osman Cavit Özdoğan

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, TURKEY

Phone: +90 212 217 17 00

Fax: +90 212 217 22 92

E-mail: info@avesyayincilik.com

Web page: avesyayincilik.com



Table of Contents

Covering the Cover

1 İlker Turan

Original Articles

Gastrointestinal Tract

3 Positive effect of single nucleotide RAD51 135G>C polymorphism and low Ku70 protein expression on female rectal cancer patients survival after preoperative radiotherapy

Anna Gasinska, Beata Biesaga, Anna Janecka Widla, Zbigniew Darasz

15 Toll-like receptor 2 and 4 polymorphisms associated with *Helicobacter pylori* susceptibility and gastric cancer

Taweesak Tongtawee, Theeraya Simawaranon, Wareeporn Wattanawongdon, Chavaboon Dechsukhum, Wilairat Leeanansaksiri

21 Differential diagnosis of Crohn's disease using antibodies to glycoprotein 2 and *Saccharomyces cerevisiae*

Ali Erkan Duman, Sadettin Hülagü, Altay Çelebi, Uğur Korkmaz, Mahmut Mert Musul, Ömer Şentürk, Göktuğ Şirin, Hasan Yılmaz, Deniz Öğütmen Koç, Gökhan Dindar, Murat Öztürkler, Neslihan Bozkurt, Hale Maral Kir

28 Validity and Reliability of the measure yourself medical outcome profile 2 (MYMOP2) questionnaire among Turkish patients having anorectal disorders

Özdemir Ersoy, Yasemin Ecem Temel, Hasan Kerem Alptekin

33 The influence of disease type and activity to sexual life and health quality in inflammatory bowel disease

Esra Ateş Bulut, Murat Törüner

40 The role of *Blastocystis hominis* in the activation of ulcerative colitis

Mehmet Kök, Yeşim Çekin, Ayhan Hilmi Çekin, Seyit Uyar, Ferda Harmandar, Yasin Şahintürk

Liver

47 Predictors of poor outcomes in 488 patients with herb-induced liver injury

Yun Zhu, Ming Niu, Jia-Bo Wang, Rui-Lin Wang, Jian-Yu Li, Yan-Qi Ma, Yan-Ling Zhao, Yan-Fang Zhang, Ting-Ting He, Si-Miao Yu, Yu-Ming Guo, Fan Zhang, Xiao-He Xiao, Johannes Schulze

59 Evaluation of the blood ammonia level as a non-invasive predictor for the presence of esophageal varices and the risk of bleeding

Asmaa Elzeftawy, Loai Mansour, Abdelrahman Kobtan, Heba Mourad, Ferial El-Kalla

66 Lamivudine's efficacy and safety in preventing mother-to child transmission of hepatitis B: A meta-analysis

Pooyan Khalighinejad, Seyed Moayed Alavian, Mohammad Gholami Fesharaki, Rozita Jalilianhasanpour

75 Hepatitis B and hepatocellular carcinoma recurrence after living donor liver transplantation: The role of the Milan criteria

Sezgin Vatanserver, Rasim Farajov, Hüseyin Cahit Yılmaz, Murat Zeytunlu, Zehra Betül Paköz, Murat Kılıç

Pancreatobiliary

81 Low molecular weight heparin treatment of acute moderate and severe pancreatitis: A randomized, controlled, open-label study

Mukaddes Tozlu, Yusuf Kayar, Ali Tüzün İnce, Birol Baysal, Hakan Şentürk

88 Results of positive proximal margin after resection for hilar cholangiocarcinoma: An analysis of 42 cases

Volkan Öter, İltiz Özer, Tahsin Dalgıç, Cemil Binarbaşı, Murat Ulaş, Erdal Birol Bostancı

95 Incidence and epidemiological features of acute pancreatitis among adult inhabitants in Qatar

Abdel-Naser Elzouki, Omar Alsaed, Abazar Saeed, Ahmed Ayash, Fahmi Yousef Khan

Pediatric Gastroenterology

101 Littre hernia in children: A clinical aspect

Ünal Bakal, Tugay Tartar, Mehmet Saraç, Ahmet Kazez

Case Report

105 Chanarin-Dorfman syndrome

Semih Kalyon, Yasemin Gökden, Naciye Demirel, Burak Erden, Ayberk Türkyılmaz



Diagnostic Challenge

109 An unusual finding after surgical treatment of corrosive oesophageal stricture

Pazhanivel Mohan, Santhosh Anand

Letters to the Editor

112 Sporadic nonampullary tubular adenoma of the duodenum: Prevalence and patients' characteristics

Amer A Alkhatib

114 One-shot dalbavancin infusion combined with vacuumassisted closure of Crohn's anal fistulas

Jacek Hermann, Hanna Tomczak, Barbara Kołodziejczak, Dorota Mańskowska-Wierzbicka, Tomasz Banasiewicz, Ryszard Marciniak

116 A non-obstructive gastric antral web case detected after upper gastrointestinal system bleeding

Enver Akbaş, Reskan Altun



From the Editor

Dear Colleagues,

As we are nearing 2019, on behalf of the editorial board of the Turkish Journal of Gastroenterology, we wish you a happy, healthy and successful new year. When we look back to 2018, we are proud to say that our journal has made enormous strides.

To begin with, Turkish Journal of Gastroenterology has ceased print and become an online-only publication as of this issue. This environment-friendly decision will also help us cut the overall publication costs of the journal.

International community's interest in the Turkish Journal of Gastroenterology has been continuing to increase over the years. During 2018, the Turkish Journal of Gastroenterology received more than 1000 international submissions from all over the world.

In 2018 Turkish Journal of Gastroenterology participated in the United European Gastroenterology Week (UEG) in Vienna. We have also participated in Digestive Disease Week (DDW) for the first time in 2018 in Washington D.C. and we have already booked our booth for DDW 2019 in San Diego. As we promoted our journal in these meetings to our

international colleagues, the ones that already knew the journal had a chance to meet up with our editors.

As Turkish Journal of Gastroenterology, we are fully aware that peer review is one of the cornerstones of a journal's academic success. From this point of view, we are pleased to announce that our journal has begun to integrate with Publons to make your efforts visible in the scholarly community.

You may now choose the Publons option, which you will see in reviewer invitation e-mails sent by our journal, to get recognition for your reviews on Publons and to automatically register the articles you have evaluated and had them added to your Publons profile.

We would appreciate hearing your thoughts and suggestions regarding the Turkish Journal of Gastroenterology for our future collaborations.

Sincerely,

Osman Cavit Özdoğan, MD
Editor in Chief

Turkish Journal of Gastroenterology

Acknowledgement of Reviewers

Dear readers,

Our reviewers perform very important and precious role in the evaluation of the scientific articles, make valuable contributions to the increasing quality and the rising at an international level of the Turkish Journal of Gastroenterology. Editorial Board would like to thank all the reviewers that are listed below for their support in Turkish Journal of Gastroenterology in 2018.

Neslihan Abacı	İnc Alican	Ali Emre Atıcı
Gupse Adalı	Ali Alkan	Özgür Atmaca
Harun Ağca	Hüseyin Alkım	Wafi Attaallah
Emel Ahışhali	A. M. Allahverdiyev	Bahattin Avcı
Rajni Ahlawat	Emrah Alper	Sonay Aydın
S. Ahmad	Engin Altıntaş	Ayşen Aydoğan
T. O. Ajiboye	İsmail Altıntop	Oya Aydos
Dilek Akakın	Fatih Altıntoprak	Cem Aygün
Tarık Akar	İmre Altuğlu	Meltem Ayli
Mesut Akarsu	Ahmet Altun	Erman Aytaç
Sinan Akay	Jadwiga Ambroszkiewicz	Palle Bager
Seikh Mohammad Fazle Akbar	Elvis Ameyaw	Gülnur Bahadır
Ferda Akbay Harmandar	Arfaoui Toumi	Hatice Balaban
Sami Akbulut	Andrea Anderloni	Yasemin Balaban
Meral Akdoğan	Ravindran Ankathil	Necati Balamtekin
Murat Akin	Dana Teodora Anton-Paduraru	Andrea Balla
Mustafa Akkiprik	Mokoto Arai	Bülent Baran
Erhan Akpınar	Coşkun Araz	Maşallah Baran
Hale Akpınar	Kemal Arda	Afşar Barlas
Burak Aksu	Ebru Arhan	Figen Barut
Murat Akyıldız	Mualla A. Arıcı	Ahmet Baştürk
Başak Akyıldız	Gökhan Arslan	Bilge Baş
Filiz Akyüz	Mehmet Arslan	Fatih Başak
Ümit Akyüz	Mehmet Asil	Hasan A. Bayhan
Adil H. Al-Harhi	Erdoğan Aşkın	Burcu Bayoğlu
Nuray Alaca	Mustafa Atar	Nural Bekiroğlu
Murat Aladağ	Beste Atasoy	Ahmet Bektaş
K. Alagarasu	Fehmi Ateş	Mehmet Bektaş
Hanafiah Alfizah	Öztürk Ateş	Göksel Bengi



Abdelouaheb Bennani	Murat Canyiđit	Pavel Drastich
Stefano Bertolini	Ayhan Hilmi ekin	Deniz Duman
Ömer Faruk Beşer	Deya elik	Dan Dumitrascu
Yavuz Beyazıt	Jale Bengi elik	Muhammet Dural
Kaundinya Kiran Bharatam	Cem Cengiz	Hakan Dursun
Sırrı Bilge	Z. A. etinkaya	Rainer Dziewas
Birşen Bilgici	Jae Hyuck Chang	Gölfem Ece
Deniz Billur	Bahattin içek	N. El-Sourani
Robert Biney	Cristina Cijevschi Prelipcean	Gonca Eldem
Yaw Boakye	Sezgi ınar	Luca Elli
Salih Bođa	Anamaria Ciubara	Ahmet Eminler
Luigi Bonavina	Sinem Civriz Bozdađ	Memet Hanifi Emre
Serhat Bor	J. O. Clarke	Yeşim Er Öztaş
David J. Bowrey	R. A. Cocchiara	Cem Eray
Sedat Boyacıođlu	Hasan Şenol Coşkun	M. Erbaş
Özlem Boybeyi Türer	Laszlo Czako	Feriha Ercan
Fatih Boyvat	Gönöl altepe	Didem Erden
Abdurrahman Bozdayi	Yeşim ekin	Fatih Eren
Esra Bozgeyik	Ahmet oker	Makbule Eren
İbrahim Bozgeyik	Yaşar olak	Başak Erginel
Ayhan Bozkurt	Zhijun Dai	Tölay Erkan
Mauro Bozzola	Nilay Daniş	Osman Ersoy
Buchwald, Pamela	Roberto Oliveira Dantas	Özdal Ersoy
Vedat Bulut	Shatavisha Dasgupta	Reyhan Ersoy
Leonardo Alfonso Bustamante-Lopez	Guillermo Delgado-Garcia	Yusuf Erzin
Ayşegöl Bökölmez	Arzu Meltem Demir	Fatih Ezgö
Jeong-Sik Byeon	Gönnur Deniz	Nicolo Falco
Sergio Cadoni	Erदिnç Devrim	Xiu Cai Fang
Atahan ađatay	Tuba Devrim	Daniel T. Farkas
Shaohang Cai	Zeliha Gönnur Dikmen	Levent Filik
Murat akır	Diñç Diñçer	Mark Fox
Alp Can	Ömer Dizdar	Frank A. Frizelle
Belgin Can	İbrahim Dođan	Ai Fujimoto
İkbal Billur Canbakan	Nurettin Dođan	Junko Fujisaki
Mediha Canbek	Ümit Dođan	Hiroyuki Furukawa
Uđur Canpolat	Gölen Dođusoy	Joanna Gajewska

Pınar Gençpınar	Giuseppe Indolfi	Özlem Kaya
Konstantinos Gerasimidis	Masaya Iwamuro	Savaş Kaya
Selim Gökçe	Filiz İzci	Sabahattin Kaymakoğlu
Hüseyin Göktürk	Mehmet İbiş	Murat Kekilli
Susana Gomes	İlkay İdilman	Metin Keskin
Can Gönen	Raim İliaz	Onur Keskin
Alejandro Gonzalez-Ojeda	Özer İlkül	Nasim Khajavirad
Hemant Goyal	Hartmut Jaeschke	Woottichai Khamduang
İsmail Gömceli	O. Jaidane	Hyung-Ho Kim
Vedat Göral	Muhammad A. Jawad	Kazım Kıratlı
David Y. Graham	Christoph Jochum	Matthias Kloor
A. G. Gravina	Gökhan Kabacam	Masaaki Kobayashi
Peter H. R. Green	Soraya Kaewpitoon	Masahito Kobayashi
Feyza Gündüz	İsmail Kalkan	Satomi Kobayashi
Rahmet Güner	Enas Kamal	Doğan Koca
Ahmet Gürakar	Shigeru Kamiya	Bekir Kocazeybek
Nurdan Güldiken	Rajesh Kanagala	Ali Köksal
Fulya Gülerman	Turan Kanmaz	İftihar Köksal
Sezgin Güneş	Aydan Kansu	Meltem Kolgazi
Ebru Gürevin	Figen Kaptan	Hüseyin Korkmaz
Fatih Güzelbulut	Banu Kara	İrfan Koruk
Farrokh Habibzadeh	Efsun Karabudak	Osman Köstek
Oliver W. Hakenberg	Betül Karademir	Aydın Köksal
İsmail Hamzaoğlu	Erdal Karagülle	Özlem Küçüköğlü
Muhammad M. Haq	Tayfun Karahasanoğlu	Serdar Kula
Koray Harmancı	Tarkan Karakan	Zarife Kuloğlu
Muhsin Muhip Murat Harputluoğlu	Berna Karakoyun	Sedef Kuran
Ali Hatemi	Ümit Karaoğullarından	Ziya Kuruüzüm
İbrahim Hatemi	Eylem Karatay	Günsel Kutluk
Claus Hellerbrand	Kaan Karayalçın	Fahrettin Küçükay
Takeshi Hisa	Bora Karip	Kwang An Kwon
Nir Horesh	Elmas Kasap	Adi Lahat
Chang-Ming Huang	Erhun Kasirga	Chih-Cheng Lai
Lei Huang	Özgür Kasımay	Susan E. Langmore
Cem İbiş	Takao Kato	Jun Ho Lee
Hiroyuki Imaeda	Konstantinos H. Katsanos,	Sezai Leventoğlu



Kai Li	Mehmet Özaskan	Fatma H. Rizk
Cheng Liu	Gökben Özbey	J. Roberti
Deliang Liu	Mücahit Özbilgin	Juergen K. Rockstroh
Pi Liu	Figen Özçay	Manuel Romero-Gomez
Xuan Liu	Beyza Özçınar	Behnam Saberi
Bin Lu	Yasemin Özderin Özin	Dina Sabry
Shiyong Lu	Yeşim Özen Alahdab	Muzaffer Sağlam
Mariia Lunova	G. Özkan	Ali Şahin
Giovanni Maconi	Erkin Öztaş	Derya Aydın Şahin
Govind K. Makharia	Rıza Sarper Ökten	Hatice Bahar Şahin
Veena Malhotra	Necati Örmeci	Yasin Şahin
Pınar Mega Tiber	Ersan Özaskan	İbrahim Tayfun Şahiner
Shafqat Mehmood	Ömer Özbakır	Burcu Saka
Gianmichele Michele	Hasan Özen	Naoto Sakamoto
Lorenzo Michele	Burak Özşeker	Taku Sakamoto
Catalina Mihai	Banu Öztürk	Zakaria Salama
Kryspin Mitura	Yeşim Öztürk	Sinan Sarı
Masaru Miyazaki	Maria Paparoupa	Bahador Sarkari
Shugo Mizuno	Jin Myung Park	Murat Saruç
İrfan Mohamad	Kyu Joo Park	Thomas Schreiter
Mehdi Mohamadnejad	Erkan Parlak	Haldun Selçuk
M. Haluk Morgül	Esra Paşaoğlu	Ebubekir Şenates
Zeynel Mungan	Edit Paulik	Ömer Şentürk
Özlem Mutluay Soyer	Andy Petroianu	Rüçhan Sertöz
Yasuaki Nagami	Bora Peynircioğlu	Orhan Sezgin
Yousuke Nakai	Nirav Pipaliya	Mesut Sezikli
Gökhan Nergizoğlu	Manuel Planells Roig	Vishal G. Shelat
Qin Xiang Ng	A. Potthoff	Hai-Bin Shi
Camilla Nojgaard	Şule Poturoğlu	Yu Shi
Ruhşen Öcal	Tuğrul Purnak	Jinru Shia
Dilek Oğuz	Xingshun Qi	Sotirios Siminas
Hideaki Okajima	Atoosa Rabiee	Ronald F. Sing
Hiroshi Okomato	Ahmed Ragab	Dong H. Sinn
Natsuka Tsuka Okita	Samrat Ray	Serdar Şivgin
Toku Okuzono	Peter W. Reeh	Leonardo Solaini
A. B. Olokoba	Joachim Reibetanz	Ali Solmaz

Jafar Soltani	Murat Törüner	Xianwei Wang
Vanessa Santos Sotomaior	Abdurrahman Tufan	Xiao-Ping Wang
Mehmet Soy	Ceyda Tuna Kırsaçlıođlu	Xiaoyong Wang
Tutku Soyer	Bahattin Tuncalı	J. Wedemeyer
İrfan Soykan	İlker Turan	Tinsay Woreta
Özlem Bekem Soylu	Ahmet Türkçapar	Jeng-Yih Wu
Claudia Stefanutti	Nurten Türkel	Liang Xia
Motokazu Sugimoto	Nesrin Uđraş	Mingbing Xiao
Sherif S. Sultan	Celal Ulaşođlu	Bao-Cai Xing
Dinç Süren	Tarkan Unek	Elif Yaka
R. Sweis	Masayuki Urabe	Şuayip Yalçın
Svenja Sydor	Toshio Uraoka	Hülya Yalçın
Aylin Şahin	Nathalie Urrunaga	Mehmet Yalnız
Yasin Şahintürk	Oğuz Üsküdar	Zhi-Ping Yan
Ahmet Özer Şehirli	Mustafa Uslan	Ömer Yanartaş
Zeynep Şıklar	Nuray Uslu Kızıllan	Baoqi Yang
Göktuğ Şirin	Yücel Üstündağ	Suna Yapalı
Mustafa Tahtacı	Mehmet Uyar	Hande Yapışlar
Gönül Tanır	Seyit Uyar	Serkan Yaraş
Alpaslan Tanođlu	Vecihe Nimet Uysal	Cenk Yasa
Mohamed Tarchouli	Sinan Uzman	İlhan Yaylım
Orhan Tarçın	Enver Üçbilek	Nuray Yazıhan
Adnan Taş	Emre Ünal	Cumhur Yeğen
Bengü Tatar	Hakan Ümit Ünal	Alişan Yıldırım
Murat Tatlı	Nalan Ünal	Abdullah Yıldırım
Yaman Tekant	Gonca Üstündağ	Beytullah Yıldırım
Fatih Tekin	Evren Üstüner	Barış Yıldız
Rolf Teschke	Savaş Üstünova	Hakan Yıldız
Ahmet Tezel	A. Vasilescu	İhsan Yıldız
Ragesh Babu Thandassery	Ramiro Vilchez Vargas	Özkan Yılmaz
Arzu Tiftikçi	T. Vlaykova	Hülya Yıkıllan
Nesime Setge Tiskaoglu	Imam Waked	Müveddet Özgüven Yılmaz
Hüseyin Kerem Tolan	Helge L. Waldum	Aygen Yılmaz
Ömer Topalak	Jiandong Wang	Funda Yılmaz
Pervin Topçuođlu	Lei Wang	Sezai Yılmaz
Serkan Torun	Tao Wang	Tonguç Utku Yılmaz



Yusuf Yılmaz
Zhanxin Yin
Özlem Yöner
Elif Yorulmaz
Oya Yöner
Decai Yu
Wen-Liang Yu

Ying Yuan
Yuan Yuan
Alper Yurci
Cihan Yurdaydın
Öykü Yürekli
Aysel Yücce
Luca Zanoli

Müjdat Zeybel
Qiang Zhan
Fengchun Zhang
Jianzhong Zhang
Xiaowei Zhang
Zhigang Zhang