Invited Review

- Adipoparacrinology: Biomedical Research
  Chaldakov et al.; Varna, Bulgaria, Eskişehir, Turkey, Lublin, Poland, Rome, Italy, Niš, Serbia

Original Articles

- Nerve Stimulator and Ultrasonography for Brachial Plexus Anesthesia
  Zencirci and Öksüz; Kahramanmaraş, Turkey
- Survival in Renal Cell Carcinomas
  Taştekin et al.; Edirne, Turkey
- Limited Urethral Mobilization Technique
  Elemen and Tugay; Kocaeli, Turkey
- Melanocortin-1 Receptor Gene in Vitiligo
  Acar et al.; Aydın, Edirne, Turkey
- Amifostine and Radiation Induced Proctitis
  Uzal et al.; Edirne, Turkey
- Oxidative Stress Biomarkers in Hepatitis B and C
  Kökoğlu et al.; Kahramanmaraş, Turkey
- Discordance of Iodine-Thyroglobulin in DTC
  Özkan et al.; İstanbul, Turkey
- Effect of Quercetin on Oxidative Damage in Diabetic Rats
  Edremitlioğlu et al.; Çanakkale, Konya, Balıkesir, Turkey
- Effect of Quercetin in Renal Toxicity
  Aktoz et al.; Edirne, Tekirdağ, Turkey
- Adma Level in Exercising Type 2 Diabetics
  Taşkıran et al.; Diyarbakır, Edirne, Turkey
- Anthropometry and Mallampati Classification
  Çolak et al.; Edirne, Turkey
- Cognitive Profile of Inpatients
  Yaman et al.; Afyonkarahisar, Turkey
- Frontal Anterior Laryngectomy with Epiglottic Reconstruction
  Yağız et al.; Edirne, Tekirdağ, Turkey
- Effects of Sumach on Slime of S. aureus
  Kırmuşaoğlu et al.; Bolu, Turkey
- Efficacy of Process and Outcome Surveillance
  Dilek et al.; Samsun, Turkey
BALKAN MEDICAL JOURNAL
THE OFFICIAL JOURNAL OF TRAKYA UNIVERSITY FACULTY OF MEDICINE

Citation Abbreviation: Balkan Med J (Formerly Trakya Üniversitesi Tıp Fakültesi Dergisi)

Editor-in-Chief
Levent ÖZTÜRK

Editors
Özer ARICAN
Nurettin AYDOĞDU
Yahya ÇELİK
Mustafa ÇIKRIKÇIOĞLU
Mustafa İNAN
Cumhur KILINÇER
Zafer KOÇAK
Cenk SAYIN
Nermin ŞAKRU

Biostatistics Editor
Necdet SÜT

International Editorial Board
Afksendyios KALANGOS, Switzerland
Ahmet GÜRAKAR, USA
Anthony H. DICKENSON, UK
Bülent SÜMERKAN, Turkey
Christian APFEL, USA
Çetin ÖNSEL, Turkey
Eyüp Sabri AKARŞU, Turkey
Fahrettin KELEŞTÜRKMUR, Turkey
George N. CHALDAKOV, Bulgaria
Hans-Juergen BIERSACK, Germany
Hasan YAZICI, Turkey
Jean-Marc NABHOLTZ, France
Juan A. TOVAR, Spain

Keiji OGUMA, Japan
M. İbrahim ZİYAL, Turkey
March H. JANSEN, Germany
Mark D.WALTERS, USA
Mehmet BAYKARA, Turkey
Mehmet Yaşar İŞCAN, Turkey
Michael D. SUSSMAN, USA
Mirko TOS, Denmark
Mustafa B.A. DJAMGOZ, UK
Serhan ALKAN, USA
Stavros BALOYANNIS, Greece
Ten FEIZI, UK
Todor KANTARDJIJEV, Bulgaria

Balkan Medical Journal is indexed in Science Citation Index Expanded, Journal Citation Reports, EMBASE, Scopus, CINAHL, EBSCO, DOAJ, Chemical Abstracts, Index Copernicus and Tübitak/Ulakbim Turkish Medical Database.

Owner and Responsible Manager on behalf of Trakya University Faculty of Medicine: Levent Öztürk

Checking the consistency with the journal’s standards and typesetting of the manuscripts, editing of the English abstracts, full-text and references, preparation for publishing and printing of the journal have been carried out by AVES Publishing.
AIMS AND SCOPE

Balkan Medical Journal is an international journal publishing clinical and experimental studies, interesting case reports, invited reviews, letters to the Editor, meeting abstracts, news and bulletin, clinical news and abstracts of interesting researches conducted in all fields of medicine. The language of the journal is English. The journal is based upon independent and unbiased double-blinded peer-review principles.

The journal is the scientific publication of Trakya University Faculty of Medicine and published four times per year; in March, June, September and December. The journal is financed by Trakya University Faculty of Medicine.

The aim of the journal is to publish original articles with highest clinical and scientific quality at the international level. Moreover, reviews covering main innovations in medical education, Editorials, case reports and original images are also accepted for publication.

The target group of the journal is academicians, researchers, specialists and primary care physicians working in all branches of medicine.

Editorial and publication processes of the journal are conducted in compliance with ICMJE, WAME and COPE standards.

Balkan Medical Journal is indexed in Science Citation Index Expanded, Journal Citation Reports, EMBASE, Scopus, CINAHL, EBSCO, DOAJ, Chemical Abstracts, Index Copernicus and Tübitak/Ulakbim Turkish Medical Database.

Subscriptions/Permissions and Reprints/Advertisements
Free full-text articles can be accessed from the following link: www.balkanmedicaljournal.org; with no charge. Applications for subscriptions, permissions, reprints and advertisements should be made to the Editorial Office.

Editorial Office
Editorial Secretary: Elif Ezgi GÜREL
Address: Trakya Üniversitesi Tıp Fakültesi Dergisi, Trakya Üniversitesi Tıp Fakültesi, 22030 Edirne
Phone: +90 284 235 76 41/1420
Fax: +90 284 235 76 52
E-mail: tutfd_editorluk@trakya.edu.tr

Publisher
AVES-Ibrahim KARA
Address: Kazıdelma cad. 5/3 34096 Findikzade-Istanbul
Phone: +90 212 589 00 53
Fax: +90 212 589 00 94
E-mail: info@avesayincilik.com

Instructions for Authors
Instructions for authors are available in the print version of the journal and in the following link: www.balkanmedicaljournal.org

Material Disclaimer
All opinions and reports within the articles that are published in the Balkan Medical Journal are the personal opinions of the authors. The Editors and the publisher do not accept any responsibility for these articles.

The journal is printed on acid-free paper.
INFORMATION FOR AUTHORS

The Balkan Medical Journal is an international journal which publishes clinical and experimental trials, interesting case reports, invited reviews, letters to the Editor, meeting, news and bulletin, clinical news and abstracts of interesting researches conducted in all fields of medicine. The language of the journal is English. The journal is based upon independent and unbiased double-blind peer-review principles.

The Journal is the scientific publication of the Trakya University Faculty of Medicine, and is published four times per year, in March, June, September and December.

The authors are responsible for the scientific content of the material to be published.

Manuscripts must only be submitted electronically through the following website: www.balkanmedicaljournal.org

Only the papers that have not previously been published in any scientific publication are accepted for publication. Manuscripts that have been presented orally or as a poster must be stated on the title page with the date and the place of the congress.

All articles submitted for publication are peer-reviewed for their suitability for the Journal. Papers do not comply with the format of the Journal will be returned to the author without further review. Therefore, to avoid time and work loss, authors must carefully review the rules of the journal.

Manuscripts that comply with the main rules of the journal are sent to at least two reviewers from Advisory Board, and the reviewers are asked for opinion about the suitability of the paper for publication. The reviewed manuscripts are then re-reviewed by the Editorial Board and the publisher and volume of the manuscripts are arranged.

All submissions must be accompanied by a signed statement of scientific contributions and responsibilities of all authors and a statement declaring the absence of conflict of interests.

Any institution, organization, pharmaceutical or medical company providing any financial or material support, in whole or in part, must be disclosed in a footnote.

Manuscript format must be in accordance with the ICMJE-Uniform Requirements for Manuscripts Submitted to Biomedical Journals: Writing and Editing for Biomedical Publication available at http://www.icmje.org

The Advisory Board, Editorial Board and the Publisher have the authority to edit the manuscripts, request changes in the format of the manuscripts, and make reductions within the authors’ knowledge in typographic control. Until the required changes and edits have been made, the papers will not be preceded for publication.

Manuscript Sections
The manuscript file should include full and short title, key words, text, references, tables (each table on a separate page), figure legends (if any) in the mentioned order. Author names and their institutional information, figures and illustrations should not be present in the manuscript file.

Abstracts should follow the titles. For research articles, abstracts should be structured as follows; Objective, Material and Methods, Results, Conclusion, and should not exceed 200 words.

The main text should be structured as follows: Introduction, Methods, Results, Discussion, Conflict of Interest Disclosure and References. Abstracts of case reports should mainly include information about the case and should consist of a short and single paragraph. Only the abstract must begin on a separate page. Case reports should also be structured as Introduction, Case(s) and Discussion following the titles and abstracts.

References
Reference listing must be in accordance with ICMJE standards and numbered consecutively at the end of the manuscript in the order in which they are mentioned in the text. Journal abbreviations should be in Index Medicus style. If there are more than six authors, it should be abbreviated with the use of “et al.”. Authors should only cite the articles that they have directly used.

Our journal does not approve the citations made from references of any other articles. If a reference is considered not to be directly cited, the reference(s) must be verified by the authors against the original documents by sending the photocopy of the first page(s). Any citation of unpublished work, of which the page as numbers could not be provided, such unpublished conference, symposium, and meeting presentations, is permissible.

Tables, Figures, Graphics and Photographs
Tables, figures and graphics should not be embedded in the manuscript. Each table must be on a separate sheet. Figures, graphics and photographs must be submitted as a separate file in jpeg format in high resolution.

Table and figure legends must be placed at the end of the main text. Tables, figures and graphics must be cited in the text.

Ethics

For articles concerned with experimental research on humans, a sentence showing that the informed consent of patients and volunteers has been obtained following a detailed explanation of the procedures that they may undergo. All recognizable photographs of patients must be accompanied by a written permission of patient for reproduction.

In such studies, authors should clearly state the compliance with internationally accepted guidelines and the guidelines issued by the Republic of Turkey Ministry of Health and published in the Official Journal dated 29 January 1993 number 21480 ‘Regulations Concerning Drug Research’, and other more recently published rules laid out in governing statutes. They should forward a copy of the Ethnic Committee Approval received from the relevant institution. In the manuscript, the procedures that have been performed to eliminate any pain, harm and distress in subjects should be clearly stated.

Editorial Office
Editorial Secretary: Elif Ezgi GÜREL
Address: Trakya Üniversitesi Tıp Fakültesi Dergisi, Trakya Üniversitesi Tıp Fakültesi, 22030 Edirne
Phone: +90 284 235 76 41/1420
Fax: +90 284 235 76 52
E-mail: tutfd_editorluk@trakya.edu.tr

Citation Abbreviation: Balkan Med J (Formerly Trakya Üniversitesi Tıp Fakültesi Dergisi)
CONTENTS

Editorial

1 The way of “Adipocentric thinking” in the Pathophysiology of Disease
Levent Öztürk, Edirne, Turkey

Invited Review

2 Adipoparacrinology: an Emerging Field in Biomedical Research
George N. Chaldakov, Nese Tunçel, Jerzy Beltowski, Marco Fiore, Gorana Rančić, Anton Tonchev,
Plamen Panayotov, Nikolai Evtimov, Alexander Hinev, Deyan Anakievski, Peter Ghenev, Luigi Aloe,
Varna, Bulgaria, Eskişehir, Turkey, Lublin, Poland, Rome, Italy, Niš, Serbia

Original Articles

10 Comparison of Nerve Stimulator and Ultrasonography Application for Brachial Plexus Anesthesia
Beyazıt Zencirci, Hafize Öksüz, Kahramanmarasha, Turkey

14 The Relationship of Fuhrman Nuclear Grade, Tumor Stage and Sarcomatoid Differentiation with Survival in Renal Cell Carcinomas
Ebru Taştök, Fulya Öz Puyan, Mustafa Kaplan, Burcu Tokuç, Vuslat Yürüt-Çaloğlu, Filiz Özyılmaz,
Ufuk Usta, A. Kemal Kutlu, Edirne, Turkey

21 Limited Urethral Mobilization Technique in Distal Hypospadias Repair with Satisfactory Results
Levent Elemen, Melih Tugay, Kocaeli, Turkey

26 Polymorphisms in the Melanocortin-1 Receptor (MCR1) Gene in Vitiligo
Eylem Acar, Gökay Bozkurt, Adnan Görgülü, Aydin, Edirne, Turkey

32 The Protective Effect of Amifostine on Radiation-Induced Proctitis: Systemic Versus Topical Application
Cem Uzal, Atakan Sezer, Ufuk Usta, Necdet Süt, Alaattin Özen, Mehmet Ali Yağcı, Edirne, Turkey

39 Oxidative Stress Biomarkers in Urine of Patients with Hepatitis B and C
Ömer Faruk Kökoğlu, Hasan Uçmak, Ergül Belge Kurutçağ, Nurettin Kuzhan, Remzi Toprak, Ali Çetinkaya,
Bülent Kantarçeken, Filiz Atalay, Kahramanmaraş, Turkey

43 Evaluation of Discordance in Differentiated Thyroid Cancer Patients with Negative Radioidine Scans and Positive Thyroglobulin Values at the Ablation Outcome Control
Zeynep Günöz Özkan, İşık Adalet, Cüneyt Türkmen, Halim İşsever, Yaşar Erbil, Harika Boztepe,
Neşe Çolak, Ferihan Aral, İstanbul, Turkey

49 Quercetin, a Powerful Antioxidant Bioflavonoid, Prevents Oxidative Damage in Different Tissues of Long-Term Diabetic Rats
Mustafa Edremitlioğlu, Mehmet Fatih Anıc, Öğuzhan Korkut, Çanakkale, Konya, Balıkesir, Turkey

56 Protective Effect of Quercetin Against Renal Toxicity Induced by Cadmium in Rats
Tevfik Aktoz, Mehmet Kanter, Yeşim Hülya Uz, Cevat Aktaş, Mustafa Erboğa, İrfan Hüseyin Atakan,
Edirne, Tekirdağ, Turkey

62 Effect of Exercise on ADMA Level in Type 2 Diabetes Mellitus
Bengur Taşkıran, Betül Uğur Altun, Selma Arzu Vardar, Ahmet Muzaffer Demir, Çetin Hakan Karadağ,
Armağan Altun, Diyarbakır, Edirne, Turkey
68 What can Anthropometric Measurements Tell us About Mallampati Classification?  
Alkin Çolak, Ali Yılmaz, Dilek Memiş, Necdet Süt, Bülent Sabri Cigali, Murat Kargı, Selman Çıkmaz, Edirne, Turkey

73 Cognitive Profile of Inpatients  
Mehmet Yaman, Hayri Demirbaş, Derya Arslan, Taner Coşkuner, Serdar Oruç, Afyonkarahisar, Turkey

77 Frontal Anterior Laryngectomy with Epiglottic Reconstruction (Tucker’s Operation): Oncologic and Functional Results  
Recep Yağıc, Abdullah Taş, Cem Uzun, Mustafa Kemal Adalı, Muhsin Koten, Elif Çiftçi, Ahmet Rifat Karasaloğlu, Edirne, Tekirdağ, Turkey

84 Effects of Fermented Sumach on The Formation of Slime Layer of Staphylococcus aureus  
Sahra Kırmuğaçoğlu, Seyhun Yurdugül, Esra Koçoğlu, Bolu, Turkey

Ahmet Dilek, Fatma Ülger, Şaban Esen, Musa Acar, Hakan Leblebicioğlu, Victor D. Rosenthal, Samsun, Turkey, Buenos Aires, Argentina

Case Reports

93 Crohn’s Disease Associated Pyoderma Gangrenosum Treated with Adalimumab  
Despoina Kakagia, Eleni Efremidou, Nikolaos Lyratzopoulos, Alexandros Mitrakas, Michael Pitaoudis, George Kouklakis, Alexandroupolis, Greece

96 Foreign Body Aspiration in Children—a Diagnostic Challenge  
Slobodanka Petrovic, Svetlana Cegar, Jovan Lovrenski, Nenad Barisic, Viktor Till, Novi Sad, Serbia

99 Selective Serotonin Reuptake Inhibitors for Treatment of Selective Mutism  
Mazlum Çöpür, İşik Görker, Türkiye Demir, İstanbul, Edirne, Turkey

103 Hypokalemic Rhabdomyolysis Induced Acute Renal Failure As a Presentation of Coeliac Disease  
Funda Sarı, Ayşe Güneş, Metin Sarıkaya, Mustafa Eren, Ahmet Korkmaz, Ramazan Çetinkaya, Hasan Can, Nur Tükel, Antalya, Turkey

106 A Choledochal Cyst Resulting in Obstructive Jaundice in a Case with Gallbladder Agenesis: Report of a Case and Review of the Literature  
Abdullah Büyük, Cüneyt Kirik, Koray Karabulut, Salim Sözen, Salih Demirelli, Diyarbakir, Elazığ, Turkey

109 Two Cases of Vulvovaginitis Caused by Shigella flexneri and Shigella sonnei: a Case Report  
Gülçin Bayramoğlu, Faruk Aydın, Gülay Karagüzel, Mustafa İmamoğlu, Ayşenur Öktén, Trabzon, Turkey

112 An Unusual Presentation of Merkel Cell Carcinoma  
Kamuran İbiş, Mert Saynak, Taner Akalın, Dilek Nuru, Sennaz Uzunoğlu, Şanakkale, İzmir, Edirne, Turkey

Letter to the Editor

115 QuantiFERON-TB Gold Test May Be More Advantageous Than Tuberculin Skin Test for Screening Latent Tuberculosis Infection in Psychiatry Clinics  
Esin Aktaş Çetin, Faruk Çiftçi, Sinan Gölünsüz, Kaya Köksalan, Ogün Sezer, Esat Timuçin Oral, Turan Çetin, Erhan Kurt, Hatice Kaya, Günner Deniz, İstanbul, Turkey