



# BALKAN MEDICAL JOURNAL

The Official Journal of Trakya University School of Medicine

Volume: 37

Issue: 1

January 2020

## Editorial

- Precise and Immediate Action against Predatory Conferences  
*Zafer Koçak*

## Original Articles

- Focused Assessment with Sonography for Injury in Military Settings: A Meta-analysis  
*Xingshun Qi et al.*
- Vascular Changes in Eyes with Pseudoexfoliation  
*Esat Çınar et al.*
- HIF-1 $\beta$  and NDRG-1 Expression in Primary and Metastatic Melanoma Cell Lines  
*Mustafa Emre Ercin et al.*
- Pathological Yawning in Patients with Acute Middle Cerebral Artery Infarction  
*Aslı Aksoy Gündoğdu et al.*
- Inhibition of Lung Cancer Proliferation by Wogonin  
*Chengyang Wang and Chuangcheng Cui;*
- Health-related QoL in Healthy Siblings  
*Meltem Dinleyici et al.*

## Brief Report

- Four Novel ENG Pathogenic Variations in Hereditary Hemorrhagic Telangiectasia  
*Mehmet Baysal et al.*

## Case Report

- Acquired Tracheoesophageal Fistula After Esophageal Atresia Repair  
*Özlem Boybeyi Türer et al.*

## Clinical Images

- Gastrointestinal Involvement in Chronic Lymphocytic Leukemia  
*Devrim Çabuk et al.*
- Incidental Cutaneous Microcystic/Reticular Schwannoma in Pilonidal Sinus  
*Recep Bedir et al.*

## Letters to the Editor

- Influence of Protein Intake during Complementary Feeding on Body Size and IGF-I Levels in Infants  
*Iulia Florentina Țincu et al.*
- Superior Thyroid Artery of MLS-preserved Cadavers: A New Microsurgery Training Model  
*Mehmet Emre Yeğın et al.*

ISSN 2146-3123 • E-ISSN 2146-3131



**galenos**  
yayınevi

Indexed in SCI Expanded and PubMed/MEDLINE • Citation Abbreviation: **Balkan Med J**

[www.balkanmedicaljournal.org](http://www.balkanmedicaljournal.org)

*Cover Design: Zehra Atabey*

*Cover Image: It is pictured in the photograph of Behiç Günalan.*

*(Sultan Bayezid II Complex: One of the Earliest Medical Schools, 1488, Edirne)*

### Editor-in-Chief

**Zafer KOÇAK, MD**

Department of Radiation Oncology, Trakya University School of Medicine, Edirne, Turkey

### Honorary Editor

**Ahmet ULUGÖL, MD**

Department of Pharmacology, Trakya University School of Medicine, Edirne, Turkey

### Deputy Editors

**Dinçer AVLAN, MD**

Department of Pediatric Surgery, Division of Pediatric Urology, Trakya University School of Medicine, Edirne, Turkey

**Okan ÇALIYURT, MD**

Department of Psychiatry, Trakya University School of Medicine, Edirne, Turkey

**Hakan ERBAŞ, PhD., MSc**

Department of Biochemistry, Trakya University School of Medicine, Edirne, Turkey

**Mustafa İNAN, MD**

Department of Pediatric Surgery, Trakya University School of Medicine, Edirne, Turkey

**Burcu TOKUÇ, MD., PhD**

Department of Public Health, Trakya University School of Medicine, Edirne, Turkey

**Ufuk USTA, MD**

Department of Pathology, Trakya University School of Medicine, Edirne, Turkey

### Associate Editors

**Alper AKÇALI, MD**

Department of Medical Microbiology, Çanakkale Onsekiz Mart University School of Medicine, Çanakkale, Turkey

**Servet ALTAY, MD**

Department of Cardiology, Trakya University School of Medicine, Edirne, Turkey

**Armağan ALTUN, MD., PhD**

Department of Cardiology, Başkent University İstanbul Hospital, İstanbul, Turkey

**Murat BİRTANE, MD**

Department of Physical Medicine and Rehabilitation, Trakya University School of Medicine, Edirne, Turkey

**Mustafa ÇIKIRIKÇIOĞLU, MD., PhD., FETCS**

Division of Cardiovascular Surgery, Department of Surgery, University Hospitals of Geneva, Geneva, Switzerland

**Cem ÇOPUROĞLU, MD**

Department of Orthopedics, Trakya University School of Medicine, Edirne, Turkey

**Meletios A. DIMOPOULOS, MD., PhD**

Department of Clinical Therapeutics, Hematology/Oncology, University of Athens School of Medicine, Athens, Greece

**Dragoslava DJERIC, MD., PhD**

Department of Otolaryngology, University of Belgrade School of Medicine, Belgrade, Serbia

**Rıdvan DURAN, MD**

Department of Pediatrics, Trakya University School of Medicine, Edirne, Turkey

**Hakan EMMUNGİL, MD**

Department of Rheumatology, Trakya University School of Medicine, Edirne, Turkey

**Taner K. ERDAĞ, MD**

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

**Suat ERDOĞAN, PhD., MSc**

Department of Medical Biology, Trakya University School of Medicine, Edirne, Turkey

**Marco FIORE, PhD**

Department of Molecular Biology, Institute of Cellular Biology and Neurobiology, CNR, Rome, Italy

**A. Serdar GÖZEN, MD**

Department of Urology, SLK-Kliniken, University of Heidelberg, Heidelberg, Germany

**Özgür GÜNDÜZ, MD**

Department of Pharmacology, Trakya University School of Medicine, Edirne, Turkey

**Hakan GÜRKAN, MD., PhD**

Diagnostics Center for Genetic Diseases, Trakya University School of Medicine, Edirne, Turkey

**Osman Nuri HATİPOĞLU, MD**

Department of Pulmonary Diseases, Trakya University School of Medicine, Edirne, Turkey

**Marko HAWLINA, MD., PhD**

Department of Ophthalmology, University of Ljubljana School of Medicine, Ljubljana, Slovenia

**Irena HOCEVAR-BOLTEZAR, MD., PhD**

Department of Foniatri and Audiology, University of Ljubljana School of Medicine, Ljubljana, Slovenia

**Edin HUSARIC, MD., PhD**

Department of Pediatric Surgery, University Clinical Center, Tuzla, Bosnia and Herzegovina

**Yasemin KARAL, MD**

Department of Pediatrics, Trakya University School of Medicine, Edirne, Turkey

**Darko KASTELAN, MD., PhD**

Department of Endocrinology, University of Zagreb School of Medicine, Zagreb, Croatia

**Cumhur KILINÇER, MD., PhD**

Department of Neurosurgery, Trakya University School of Medicine, Edirne, Turkey

**Shima MEHRABIAN, MD., PhD**

Department of Neurology, University Hospital Alexandrovska, Sofia, Bulgaria

**Pavle MIKLIC, MD**

Department of Neurosurgery, University of Zagreb School of Medicine, Zagreb, Croatia

**Sevtap HEKİMOĞLU ŞAHİN, MD**

Department of Anesthesiology and Reanimation, Trakya University School of Medicine, Edirne, Turkey

**Milan STANKOVIC, MD., PhD**

Department of Otolaryngology, University of Nis School of Medicine, Nis, Serbia

**İsmail Barış TÜRKBEY, MD**

Department of Radiology, National Cancer Institute, NIH, Bethesda MD, USA

**Yeşim Hülya UZ, MD**

Department of Histology and Embryology, Trakya University School of Medicine, Edirne, Turkey

**Sedat ÜSTÜNDAĞ, MD**

Department of Nephrology, Trakya University School of Medicine, Edirne, Turkey

**Irena VELCHEVA, MD., PhD**

Department of Neurology, Medical University, Sofia, Bulgaria

**Stanislav YANEV, MD., PhD**

Department of Pharmacology, Bulgarian Academy of Sciences, Sofia, Bulgaria

### Asistant Associate Editors

**Zehra Nihal DOLGUN, MD**

Department of Gynecology and Obstetrics, Trakya University School of Medicine, Edirne, Turkey

**Hande GÜÇLÜ, MD**

Department of Ophthalmology, Trakya University School of Medicine, Edirne, Turkey

## A. Cem İBİŞ, MD

Department of General Surgery, İstanbul University School of Medicine, İstanbul, Turkey

## Selma KORKMAZ, MD

Department of Dermatology, Süleyman Demirel University School of Medicine, Isparta, Turkey

## Elif Gülsüm ÜMİT, MD

Department of Hematology, Trakya University School of Medicine, Edirne, Turkey

## Ethics Editor

### Berna ARDA, MD., PhD

Department of History of Medicine and Medical Ethics, Ankara University School of Medicine, Ankara, Turkey

## Biostatistics Editor

### Necdet SÜT, PhD

Department of Biostatistics and Informatics, Trakya University School of Medicine, Edirne, Turkey

## Web Editor

### Okan ÇALIYURT, MD

Department of Psychiatry, Trakya University School of Medicine, Edirne, Turkey

## Editorial Advisory Board

### Eyüp Sabri AKARSU, MD

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

### Serhan ALKAN, MD

Department of Pathology, Cedars Sinai Medical Center, Los Angeles, CA, USA

### Christian APFEL, MD, PhD

Department of Anesthesiology and Perioperative Care, University of California San Francisco, San Francisco, CA, USA

### Stavros J. BALOYANNIS, MD, PhD

Department of Neurology, Aristotle University of Thessaloniki School of Medicine, Thessaloniki, Greece

### George N. CHALDAKOV, MD, PhD

Department of Cell Biology, Medical University of Varna, Varna, Bulgaria

### Anthony H. DICKENSON, MD, PhD

Department of Pharmacology, University College London, London, UK

### Dan M. FLISS, MD, PhD

Department of Maxillofacial and Skullbase Surgery, Tel Aviv Sourasky Medical Center, Tel Aviv, Israel

## C. Michael GIBSON MD, MS

Interventional Cardiologist, Beth Israel Deaconess Medical Center, Professor of Medicine, Harvard Medical School, Boston, MA, United States

## Ahmet GÜRAKAR, MD

Department of Hepatology, Johns Hopkins School of Medicine, Baltimore, MD, USA

## Todor KANTARDJIEV, MD, PhD

Department of Parasitology and Microbiology, National Centre Infectious and Parasitic Diseases, Bulgaria

## Özgür Kasapçopur, MD

Department of Pediatric Rheumatology, İstanbul University-Cerrahpaşa, Cerrahpaşa School of Medicine, İstanbul, Turkey

## Fahrettin KELEŞTİMUR, MD

Department of Endocrinology, Erciyes University School of Medicine, Kayseri, Turkey

## George KOLIOS, MD, PhD

Department of Pharmacology, Democritus University of Thrace School of Medicine, Alexandroupolis, Greece

## Ana MARUSIC, MD, PhD

Department of Anatomy & Research in Biomedicine and Health, University of Split, Split, Croatia

## Ranko MLADINA, MD, PhD

Department of Rhinology, University of Zagreb School of Medicine, Zagreb, Croatia

## Eugene N. MYERS, MD, FACS, FRCS Edin (Hon)

Department of ORL, Head-Neck & Maxillofacial Surgery, University of Pittsburgh School of Medicine, Pittsburgh, PA, USA

## Jean-Marc NABHOLTZ, MD, PhD

Clinical and Translational Research Division, Jean Perrin Comprehensive Cancer Centre, Clermont-Ferrand, France

## Keiji OGUMA, MD, PhD

Department of Bacteriology, Okayama University School of Medicine, Okayama, Japan

## Metin ÖZDEMİRLİ, MD

Professor of Pathology, MedStar Georgetown University Hospital Washington DC, United States

## Mustafa TEKİN, MD

Division of Clinical and Translational Genetics, Dr. John T. Macdonald Foundation Department of Human Genetics, University of Miami Miller School of Medicine, Miami, FL, USA

## Juan A. TOVAR, MD

Department of Pediatric Surgery, La Paz University Hospital, Madrid, Spain

## Mark D. WALTERS, MD, PhD

Department of Gynecology and Obstetrics, Cleveland Clinic, Cleveland, OH, USA

## Enver ZEREM, MD, MS, PhD

Department of Gastroenterology, University Clinical Center, Tuzla, Bosnia and Herzegovina

## English Editing

ENAGO / New York, United States

Please refer to the journal's webpage ([www.balkanmedicaljournal.org](http://www.balkanmedicaljournal.org)) for "Editorial Policy", "Instructions to Authors" and "Instructions to Reviewers".

The *Balkan Medical Journal* and/or its editors are members of ICMJE, COPE, WAME, CSE and EASE, and follow their recommendations. The *Balkan Medical Journal* is indexed in Science Citation Index Expanded (Web of Science), Journal Citation Reports, PubMed/MEDLINE, PubMed Central, Scopus, EMBASE, DOAJ, Chemical Abstracts, CINAHL, EBSCO, J-Gate, GALE, ProQuest, Türk Medline, Türkiye Atıf Dizini, IdealOnline, Global Health, UDL-EDGE, Hinari, GOALI, ARDI, OARE, AGORA and TÜBİTAK ULAKBİM TR Index.

The journal is printed on an acid-free paper.

Owner: Muzaffer Demir On Behalf of Trakya University School of Medicine

Responsible Manager: Zafer KOÇAK



### Galenos Publishing House

#### Owner and Publisher

Derya Mor

Erkan Mor

#### Publication Coordinator

Burak Sever

#### Web Coordinators

Fuat Hocalar

Turgay Akpınar

#### Graphics Department

Ayda Alaca

Çiğdem Birinci

Gülşah Özgül

### Project Coordinators

Duygu Yıldırım

Hatice Sever

Gamze Aksoy

Günay Selimoğlu

Melike Eren

Saliha Tuğçe Evin

### Project Assistants

Pınar Akpınar

### Research&Development

Mert Can Köse

Mevlûde Özlem Akgüneş

### Finance Coordinator

Sevinç Çakmak

### Publisher Contact

Address: Molla Gürani Mah. Kaçamak Sk. No: 21/1 34093 İstanbul, Turkey

Phone: +90 (212) 621 99 25 Fax: +90 (212) 621 99 27

E-mail: [info@galenos.com.tr](mailto:info@galenos.com.tr)/[yayin@galenos.com.tr](mailto:yayin@galenos.com.tr) Web: [www.galenos.com.tr](http://www.galenos.com.tr)

Publisher Certificate Number: 14521

Printing at: Trakya Üniversitesi Matbaası

Edirne Teknik Bilimler M.Y.O Sarayıçığı Yerleşkesi, 22020 Yeni İmaret, Edirne, Turkey

Phone: +90 (284) 224 02 83

Printing Date: December 2019

ISSN: 2146-3123 E-ISSN: 2146-3131

International scientific journal published bimonthly.

# CONTENTS

## EDITORIAL

### 1 Precise and Immediate Action against Predatory Conferences

*Zafer Koçak; Edirne, Turkey*

## Original Articles

### 3 Focused Assessment with Sonography in Trauma for Assessment of Injury in Military Settings: A Meta-analysis

*Xingshun Qi, Jing Tian, Rui Sun, He Zhang, Jinsong Han, Hai Jin, Hui Lu; Liaoning Province, China*

### 9 Retinal and Choroidal Vascular Changes in Eyes with Pseudoexfoliation Syndrome: A Comparative Study Using Optical Coherence Tomography Angiography

*Esat Çınar, Berna Yüce, Fatih Aslan; İzmir, Antalya, Turkey*

### 15 Hypoxic Gene Signature of Primary and Metastatic Melanoma Cell Lines: Focusing on HIF-1 $\beta$ and NDRG-1

*Mustafa Emre Ercin, Önder Bozdoğan, Tarık Çavuşoğlu, Nazan Bozdoğan, Pınar Atasoy, Mukadder Koçak; Trabzon, Ankara, Kırıkkale, Turkey*

### 24 Pathological Yawning in Patients with Acute Middle Cerebral Artery Infarction: Prognostic Significance and Association with the Infarct Location

*Aslı Aksoy Gündoğdu, Atilla Özcan Özdemir, Serhat Özkan; Tekirdağ, Eskişehir, Turkey*

### 29 Inhibition of Lung Cancer Proliferation by Wogonin is Associated with Activation of Apoptosis and Generation of Reactive Oxygen Species

*Chengyang Wang, Chuangcheng Cui; Shaanxi, China*

### 34 Quality-of-life Evaluation of Healthy Siblings of Children with Chronic Illness

*Meltem Dinleyici, Kürşat Bora Çarman, Canan Özdemir, Koray Harmancı, Makbule Eren, Birgül Kirel, Enver Şimşek, Coşkun Yarar, Aysu Duyan Çamurdan, Figen Şahin Dağlı; Eskişehir, Ankara, Turkey*

## Brief Report

### 43 Genetic Diagnosis of Hereditary Hemorrhagic Telangiectasia: Four Novel Pathogenic Variations in Turkish Patients

*Mehmet Baysal, Selma Demir, Elif G. Ümit, Hakan Gürkan, Volkan Baş, Sedanur Karaman Gülsaran, Ufuk Demirci, Hakkı Onur Kırkırlar, Ahmet Muzaffer Demir; Edirne, Turkey*

## Case Report

### 47 Acquired Tracheoesophageal Fistula After Esophageal Atresia Repair

*Özlem Boybeyi Türer, Feridun Cahit Tanyel, Tutku Soyer; Ankara, Turkey*

## Clinical Images

### 50 Gastrointestinal Involvement in a Patient with Chronic Lymphocytic Leukemia

*Devrim Çabuk, Fatih Ballı, Yasin Yılmaz, Ali Erkan Duman, Kazım Uygun; Kocaeli, İstanbul, Turkey*

### 52 Incidental Cutaneous Microcystic/Reticular Schwannoma in Pilonidal Sinus

*Recep Bedir, Orhan Semerci, Gülname Fındık Güvendi; Rize, Turkey*

## Letters to the Editor

### 54 Influence of Protein Intake during Complementary Feeding on Body Size and IGF-I Levels in Twelve-month-old Infants

*Iulia Florentina Țincu, Daniela Păcurar, Radu Ciprian Țincu, Cristina Becheanu; Bucharest, Romania*

### 56 Superior Thyroid Artery of MLS-preserved Cadavers: A New Microsurgery Training Model

*Mehmet Emre Yeğın, Servet Çelik, Okan Bilge; Elazığ, İzmir, Turkey*