

Volume 5 Issue 1 January 2019

e-ISSN: 2149-3189

# The European Research Journal





The Association of Health Research & Strategy I www.dergipark.gov.tr/eurj Copyright © 2019



# **The European Research Journal**

## Aim and Scope

The European Research Journal (EuRJ) is an international, independent, double-blind peer reviewed, Open Access and online publishing journal, which aims to publish papers on all the related areas of basic and clinical medicine.

Editorial Board of the European Research Journal complies with the criteria of the International Council of Medical Journal Editors (ICMJE), the World Association of Medical Editors (WAME), and Committee on Publication Ethics (COPE).

The journal publishes a variety of manuscripts including original research, case reports, invited review articles, technical reports, how-to-do it, interesting images and letters to the editor. The European Research Journal has signed the declaration of the Budapest Open Access Initiative. All articles are detected for similarity or plagiarism. Publication language is English. The journal does not charge any article submission or processing charges.

EuRJ recommends that all of our authors obtain their own ORCID identifier which will be included on their article.

The journal is published bimonthly (January, March, May, July, September, and November).

## **Abstracting and Indexing**

The journal is abstracted and indexed with the following: TR Index (ULAKBİM TR Dizin), Google Scholar, Index Copernicus (ICV 2017: 100), ProQuest Central, ROAD, EMBASE (Pending), SciLit, MIAR, J-Gate, SHERPA/RoMEO, BASE, EZB, CrossRef, JournalTOCs, WorldCat, TURK MEDLINE, Türkiye Atıf Dizini.

## Publisher

The European Research Journal (EuRJ) The Association of Health Research & Strategy Kırcaali Mah. Fevziçakmak Cd. Göktaş İş Mrk. Kat:3 No:62/12 Osmangazi/BURSA-TURKEY www.dergipark.gov.tr/eurj/

## e-ISSN: 2149-3189

The European Research Journal, hosted by Turkish JournalPark ACADEMIC, is licensed under a Creative Commons Attribution-NonCommercial-NoDerivatives 4.0 International License.



## **Editorial Board**

#### **FOUNDER EDITOR**

Rustem ASKIN, MD, Professor, University of Health Sciences, Department of Psychiatry, Istanbul, Turkey Head of the Association of Health Research & Strategy, Bursa, Turkey

#### **EDITOR-IN-CHIEF**

Senol YAVUZ, MD, Professor, University of Health Sciences, Bursa Yuksek Ihtisas Training and Research Hospital, Department of Cardiovascular Surgery, Bursa, Turkey,

#### **EDITORS**

Davut AKDUMAN, MD, Associate Professor, Duzce University School of Medicine, Department of Otorhinolaryngology, Duzce, Turkey

Nizameddin KOCA, MD, Assistant Professor, University of Health Sciences, Bursa Yuksek Ihtisas Training and Research Hospital, Department of Internal Medicine, Bursa, Turkey

#### **ASSOCIATE EDITORS**

Soner CANDER, MD, Associate Professor, Uludag University School of Medicine, Department of Endocrinology and Metabolism, Bursa, Turkey

Omer SENORMANCI, MD Associate Professor, University of Health Sciences, Bursa Yuksek Ihtisas Training and Research Hospital, Department of Psychiatry, Bursa, Turkey

> Evren DILEKTASLI, MD, Associate Professor, Hayat Hospital Depertment of General Surgery, Bursa, Turkey

> Rahmi DUMAN, MD, Associate Professor, LIV Hospital Department of Ophthalmology, Ankara, Turkey

#### Ali ASAN, MD

Assistant Professor, University of Health Sciences, Bursa Yuksek Ihtisas Training and Research Hospital, Department of Infectious Disease Bursa, Turkey

Meliha KASAPOGLU AKSOY, MD Assistant Professor, University of Health Sciences, Bursa Yuksek Ihtisas Training and Research Hospital, Department of Physical Thearapy and Rehabilitation, Bursa, Turkey

#### **STATISTICS EDITOR**

Gokhan OCAKOGLU, PhD, Associate Professor, Uludag University School of Medicine, Department of Biostatistics, Bursa, Turkey

#### **LANGUAGE EDITOR**

Nazmi ZENGIN, MD, Professor, Necmettin Erbakan University School of Medicine, Konya, Turkey

> EDITORIAL ASSISTANT Ugur BOLUKBAS

> > Π

# **INTERNATIONAL EDITORIAL BOARD MEMBERS**

Ahmet KIZILAY, MD Professor, Inönü University School of Medicine, Department of Otorhinolaryngology, Malatya, Turkey Alparslan ERSOY, MD Professor, Uludag University School of Medicine, Department of Nephrology & Transplantation, Bursa, Turkey Alparslan OZTURK Professor, University of Health Sciences, Bursa Yuksek Ihtisas Training & Research Hospital, Department of Orthopedics & Traumatolgy, Bursa, Turkey Ayse TOPCU AKDUMAN, MD Ataturk State Hospital, Department of Obstetrics & Gynecology, Duzce, Turkey Aron Frederik POPOV, MD Professor, University of Frankfurt, Department of Cardiothoracic Surgery, Frankfurt, Germany Canan CELIK, MD Professor, Giresun University School of Medicine, Department of Physical Medicine & Rehabilitation, Giresun, Turkey Cristina Florescu, MD Associate Professor, University of Craiova, Department of Medicine & Pharmacy, Romania Cuma Bulent GUL, MD Associate Professor, University of Health Sciences, Bursa Yuksek Ihtisas Training & Research Hospital, Department of Nephrology & Transplantation, Bursa, Turkev Demet CANSARAN DUMAN, PhD Assoicate Professor, Ankara University, Department of Biology, Ankara, Turkey Elif Ekinci, MD MBBS, FRACP, PhD, University of Melbourne, Department of Medicine, Melbourne, Australia Emel YILMAZ, MD Professor, Uludag University School of Medicine, Department of Infectious Disease, Bursa, Turkey Emin USTUNYURT, MD Associate Professor, University of Health Sciences, Bursa Yuksek Ihtisas Training & Research Hospital, Department of Obstetrics & Gynecology, Bursa, Turkey Ender GUCLU, MD Professor, Medipol University School of Medicine, Department of Otorhinolaryngology, Istanbul, Turkey Erdem CUBUKCU, MD Associate Professor, Uludag University School of Medicine, Department of Medical Oncology, Bursa, Turkey Essam M MAHFOUZ, MD Professor, University of Mansoura School of Medicine, Department of Cardiology, Mansoura, Egypt Francesco CARELLI, MD Professor, University of Milan School of Medicine, Department of Family Medicine, Milan, Italy Gary TSE, MD, PhD Assistant Professor, The Chinese University of Hong Kong, Department of Medicine and Therapeutics, Hong Kong, China Haci Murat CAYCI, MD. Associate Professor, University of Health Sciences, Bursa Yuksek Ihtisas Training & Research Hospital, Department of Gastrointestinal Surgery, Bursa, Turkey Hasan ARI, MD. Associate Professor, University of Health Sciences, Bursa Yuksek Ihtisas Training & Research Hospital, Department of Cardiology, Bursa, Turkey Ibrahim TAYMUR, MD, Associate Professor, University of Health Sciences, Bursa Yuksek Ihtisas Training and Research Hospital, Department of Psychiatry, Bursa, Turkey Kendra J. Grubb, MD, MHA, FACC Assistant Professor, Emory University School of Medicine, Department of Cardiovascular Surgery, Atlanta, GA, USA Koray AYAR, MD Assistant Professor, University of Health Sciences, Bursa Yuksek Ihtisas Training and Research Hospital, Department of Rheumatology, Bursa, Turkey Metin GUCLU, MD Associate Professor, University of Health Sciences, Bursa Yuksek Ihtisas Training & Research Hospital, Department of Endocrinology & Metabolism, Bursa, Turkey Muhammet GUZELSOY, MD Associate Professor, University of Health Sciences, Bursa Yuksek Ihtisas Training & Research Hospital, Department of Urology, Bursa, Turkey Muzaffer DEMIR, MD Professor, Trakya University School of Medicine, Department of Hematology, Edirne, Turkey Nader D NADER, MD Professor, University of Buffalo School of Medicine, Department of Anesthesiology, NY, USA Nesrin COBANOGLU, MD Professor, Gazi University School of Medicine, Department of Medical Ethics and History, Ankara, Turkey Omer Fatih OLMEZ, MD Associate Professor, Medipol University School of Medicine, Department of Medical Oncology, Istanbul, Turkey Omer YALCIN, MD Associate Professor, University of Health Sciences, Bursa Yuksek Ihtisas Training & Research Hospital, Department of Pathology, Bursa, Turkey Ozen OZ GUL, MD Associate Professor, Uludag University School of Medicine, Department of Endocrinology and Metabolism, Bursa, Turkey Ozkan KANAT, MD, Professor, Uludag University School of Medicine, Department of Medical Oncology, Bursa, Turkey Safa KAPICIOGLU, MD Professor, Yildirim Bayezid University School of Medicine, Department of Orthopedics & Traumatology, Ankara, Turkey Sait Ait BenAli, MD Professor, Cadi Ayyad University School of Medicine, Department of Neurosurgery, Marrakech, Morocco Sedat ALTIN, MD Professor, University of Health Sciences, Yedikule Training & Research Hospital, Department of Chest Diseases, Istanbul, Turkey Semih HALEZEROGLU, MD, FETCS Professor, Acibadem University School of Medicine, Department of Thoracic Surgery, Istanbul, Turkey Veysel Tahan, MD, FACP, FACG, FESBGH Assistant Professor, University of Missouri, Division of Gastroenterology and Hepatology, Columbia, Missouri, USA YYenal DUNDAR, MD University of Liverpool School of Medicine, Department of Psychiatry, Liverpool, UK

# **Table of Contents**

## **Original Articles**

Childhood nasal obstruction and sleep-disordered breathing during clinical setting: Myth or reality? Marco Zaffanello, Giuseppe Lippi, Laura Tenero, Michele Piazza, Luca Sacchetto, Luana Nosetti, Emma Gasperi, Giorgio Piacentini	1-7
A virtual pathway reduced the need for physical review in patients with a suspected scaphoid fracture	8-13
Paul J Jenkins, Stephen Boyce, Pauline Garvey, Kevin Bee, David Shields, Lech A Rymaszewski	
The relationship between atrial natriuretic peptide and microvascular complications of diabetes Pınar Karakaya, Bahar Özdemir, Meral Mert, Hakan Koçoğlu, Abdulbaki Kumbasar	14-19
The relationship between psychopathology, psychosocial adjustment, social support and quality of life in multiple sclerosis	20-28
Vahap Ozan Kotan, Zeynep Kotan, Birgül Aydın, Özlem Taşkapılıoğlu, Berna Alkan, Güven Özkaya, Aslı Sarandöl, Ömer Faruk Turan, Selçuk Kırlı	
Beyond weight loss after sleeve gastrectomy: improvement in health-related quality of life Evren Dilektaşlı	29-35
Improvement of the cardiorespiratory endurance, perception of the effort and walking performance of the old people of the hospice Saint Marc of Kingasani by the practice of the adapted physical activities	36-41
Teddy Bofosa, Eric Kam, Betty Miangindula, François Njimbu, Constant Nkiama	
Preoperative hemogram-related parameters to distinguish renal cell carcinoma from benign kidney masses: HERR score Ali Rıza Türkoğlu, Yasemin Üstündağ	42-49
	50-57
Local resection for placenta accreta spectrum: a conservative uterus sparing technique for anterior placenta accreta Gülsüm Uysal, Nefise Tanrıdan Okçu, Eda Eskimez, Esra Saygılı Yılmaz	50-57
Assessment of cyber abuse in sexually abused children and adolescents Merve Çıkılı Uytun, Sevgi Özmen, Esra Demirci	58-67
Effectiveness of kinesiotaping on diaphragm thickness, diaphragmatic thickening fraction, and intercostal muscle thickness in patients undergoing mechanical ventilation: a pilot study Burcu Metin Ökmen, Korgün Ökmen	68-76
The incidence of polyneuropthy and its relation with disease parameters in chronic obstructive pulmonary disease	77-82
Nalan Ogan, Refah Sayın, Ayşe Baha, Evrim Eylem Akpınar, Meral Gülhan	
The association of carotid intima-media thickness with body mass index and cortisol level in fibromyalgia syndrome	83-87

Tuba Tülay Koca, Ayla Çimen

Do antiepileptics have any potential to induce insulin resistance? A comparison between levetiracetam and valproic acid Gökhan Özer	88-93
Neurological findings in autosomal dominant polycystic kidney disease Demet Yıldız, Abdülmecit Yıldız	94-97
The importance of red cell distribution width and neutrophil-lymphocyte ratio as a new biomarker in rheumatoid arthritis Tuba Tülay Koca, Aydın Arslan, Filiz Çiledağ Özdemir, Ejder Berk	98-103
Association between serum uric acid and inflammation markers in ankylosing spondylitis patients treated with tumor necrosis factor-α or nonsteroidal anti-inflammatory drugs Betül Sargın, Gülcan Gürer, Gülnur Taşcı Bozbaş, Hakan Öztürk	104-108
Foam sclerotherapy combined with saphenofemoral ligation procedure: long-term results Lütfi Soylu, Oğuz Uğur Aydın	109-113
Evaluation of nursing students' diagnoses using the Omaha System Elif Ateş, Bahire Ulus	114-121
Evaluation of the relationship between perception of tobacco packaging pictorial warnings and the nicotine addiction levels of smokers who admitted to smoking cessation clinic in Malatya, Turkey Seda Beyhan Sağmen, Mikail Özdemir	122-127
Needlestick and sharps injuries among nurses at Atatürk university research hospital and their practices after injury Elif Okşan Çalıkoğlu, Banu Bedir, Hilal Betül Akçay, Ali Gümüş	128-133
Emotional and behavioral problems in infants and preschool children: prevalence and sociodemographic risk factors Çağatay Uğur, Esra Yürümez, Yasemin Yılmazer	134-141
Wrongs known as right in thyroid scintigraphy and uptake study Serdar Savaş Gül	142-147
Comparison of effects of melatonin, pentoxifylline and dimethyl sulfoxide in experimental liver ischemia-reperfusion injury by three different methods Zeliha Türkyılmaz, Ahmet Hatipoğlu, Mahmut Yüksel, Nurettin Aydoğdu, Gülara Hüseyinova	148-158
Effect of lipid parameters on carotid artery disease progression in patients undergoing carotid endarterectomy and unoperated patients with non-severe carotid artery stenosis Kadir Kaan Özsin, Umut Serhat Sanrı, Faruk Toktaş, İbrahim Burak Şeker, Şenol Yavuz	159-165

## Reviews

Coenzyme Q10 deficiency in elderly: Can nutritional supplementation play a role? Mini review 166-173 Angelo Michele Carella, Teresa Marinelli, Michele Di Pumpo, Giovanni Modola, Angelo Benvenuto

## **Case Report**

Myocysticercosis: an unusual presentation in sternocleidomastoid muscle diagnosed by high frequency ultrasonography Mohd Ilyas, Arshad Bhat	174-177
Cornual heterotopic pregnancy after in vitro fertilization: management by laparoscopic repair Nur Dokuzeylül Güngör, Tuğba Gürbüz	178-182
Things to keep in mind after cardiopulmonary resuscitation: bilateral severe and widespread subcutaneous emphysema together with unilateral pneumothorax Timuçin Alar, İsmail Ertuğrul Gedik	183-185
Datura stramonium poisoning: a case report and review of the literature Muhammet Furkan Korkmaz, Muharrem Bostancı, Hatice Onur, Eren Çağan	186-188
An unusual cause of hemorrhagic shock: gastric Dieulafoy's lesion Ahmet Erdoğan, Murat Ferhat Ferhatoğlu, Hikmet Pehlevan, Osman Yıldırım, Kazım Şenol	189-192
Cecal diverticulitis mimicking acute appendicitis Cihan Bedel	193-195
Rectal resection for Schnitzler's metastasis in a patient presenting with severe rectal stenosis: case report and review of the literature Semra Doğan, Sezai Demirbaş, Elgun Samadov, Salih Erpulat Öziş, Hatim Yahya Uslu	196-201
Deep vein thrombosis and pulmonary embolism in a patient with acute type B aortic dissection: a case report Engin Akgül, Gülen Sezer Alptekin Erkul, Sinan Erkul, Ahmet Hakan Vural	202-205
Kikuchi-Fujimoto disease mimicking hematological malignancy: a case report Hakan Yarkıcı, Faruk Elyiğit, Ahmet Peker, Dudu Solakoğlu Kahraman, Nilgün Erbil, Harun Akar	206-208
A rare complication after inguinal hernia repair: testicular torsion Yusuf Önder Özsağır, Görkem Akça, Mustafa Ozan Horsanalı, Hüseyin Eren, Eyüp Dil	209-212
Pure spinal extradural arteriovenous malformation in the thoracolombar region: a case report Fatih Yakar, Ümit Eroğlu, İhsan Doğan, Hasan Çağlar Uğur	213-216
Extensive cranial, spinal and abdominal involvement in brucellosis: a case with review of the literature	217-222
Ali Murat Koç, Yaprak Ünsal, Hülya Mollamehmetoğlu, Özgür Esen, Rıfat Reha Bilgin Treatment of the nevus of Ota with the 1064-nm Q-switched Nd:YAG laser	223-225
Yeşim Akpınar Kara	JJ
Vibration related white finger disease: a case report Seher Kurtul, Meral Türk	226-229

## Letter to the Editor

Bilateral sacroiliitis and left hip arthritis secondary to isotretinoin treatment Sevgi Kulaklı, Fazıl Kulaklı, İlker İlhanlı, Samet Tatlı, Canan Çelik	230-232
Experience of thrombotic microangiopathy unresponsive to therapeutic apheresis Hilmi Erdem Sümbül, Onur Taktakoğlu	233-235