The Journal of Psychiatry and Neurological Sciences



The Journal of Psychiatry and Neurological Sciences

Düşünen Adam The Journal of Psychiatry and Neurological Sciences is included in; Web of Science's Emerging Sources Citation Index (ESCI), Scopus, TR Dizin Ulakbim, Embase, EBSCO Academic Search Complete, EBSCO TOC Premier, CINAHL, CIRRIE, Cabell's Directory, ProQuest Academic Research Library, ProQuest Central, Google Scholar, Summon Serial Solutions, Ulrich's Database, Open J-Gate, Genamics, Researchbib, Worldcat, Turkiye Citation Index, Turkish Psychiatry Index, Turk Medline and TUBITAK's Turkish Medical Index.















Scopus













The Journal of Psychiatry and Neurological Sciences

Volume: 36, Number: 3, September 2023



1924 BRSHH

The Journal of Psychiatry and Neurological Sciences

Volume: 36, Number: 3, September 2023

Editor-in-Chief

Murat Erkiran, Prof., M.D. Department of Psychiatry, Bakirkoy Prof Mazhar Osman Training and Research Hospital for Psychiatry Neurology and

Neurosurgery, Istanbul, Turkiye

Associate Editors

Izgi Alniak, Assoc. Prof., M.D. Department of Psychiatry, Bakirkoy Prof Mazhar Osman Training and Research Hospital for Psychiatry Neurology and

Neurosurgery, Istanbul, Turkiye

Yasin Hasan Balcioqlu, M.D., Ph.D. Department of Psychiatry, Bakirkoy Prof Mazhar Osman Training and Research Hospital for Psychiatry Neurology and

Neurosurgery, Istanbul, Turkiye

Sevinc Ulusoy, Assoc. Prof., M.D. Department of Psychiatry, Cansagligi Foundation Center for Contextual Science, Istanbul, Turkiye

Associate Editor for Neurological Sciences

Burcu Yuksel, Asssoc. Prof., M.D. Department of Neurology, Bakirkoy Prof Mazhar Osman Training and Research Hospital for Psychiatry Neurology and

Neurosurgery, Istanbul, Turkiye

Statistical Editor

Nurdan Colakoglu, Prof., Ph.D. Deparment of Business Administration (English), Istanbul Arel University, Faculty of Economic and Administrative Sciences,

Istanbul, Turkiye

International Advisory Board

Ross J. Baldessarini, Prof., M.D.

Department of Psychiatry, McLean Hospital, Harvard Faculty of Medicine, Belmont, MA, USA
Martin Brüne, Prof., M.D.

Research Department of Neuroscience, Ruhr University Bochum, Bochum, Germany
Nick Craddock, Prof., M.D., Ph.D.

MRC Centre for Neuropsychiatric Genetics & Genomics, Cardiff University, Cardiff, UK

Departments of Psychology and Psychiatry, University of Toledo, Toledo, OH, USA

Kostas N. Fountoulakis, Prof., M.D.

Department of Psychiatry, Aristotle University of Thessaloniki, Thessaloniki, Greece

Mark Griffiths, Prof., Ph.D. Department of Psychology, Nottingham Trent University, The International Gaming Research Unit, Nottingham, UK Paul Griffiths, M.Sc. Scientific Division, European Monitoring Centre for Drugs and Drug Addiction (EMCDDA), Lisbon, Portugal

Ralph Kupka, Prof., M.D., Ph.D. Department of Psychiatry, VU University Medical Center, Amsterdam, Netherlands

Pavel Mohr, M.D., Ph.D. Clinical Department, Prague Psychiatric Center, Prague, Czech Republic

Kerim Munir, Assoc. Prof., M.D. Boston Children's Hospital Developmental Medicine Center, Harvard Faculty of Medicine, Boston, MA, USA

Inez Myin-Germeys, Prof., Ph.D. Department of Neuroscience, Center for Contextual Psychiatry, KU Leuven, Leuven, Belgium

Brian F. O'Donnell, Prof., M.D., Ph.D.

Psychological and Brain Sciences, Indiana University, Bloomington, Indiana

Aysegul Ozerdem, Prof., M.D.

Department of Psychiatry and Psychology, Mayo Clinic, Rochester, MN, USA

Dost Ongur, Assoc. Prof., M.D., Ph.D. Department of Psychiatry, McLean Hospital, Harvard Faculty of Medicine, Belmont, MA, USA

Alessandro Serretti, Assoc. Prof., M.D. Department of Psychiatry, Bologna University, Bologna, Italy

Ganesan Venkatasubramanian, Prof., M.D., Ph.D. Department of Psychiatry, National Institute of Mental Health And Neurosciences, Bengaluru, Karnataka, India

National Advisory Board

Koksal Alptekin, Prof., M.D. Department of Psychiatry, Dokuz Eylul University, Faculty of Medicine, Izmir, Turkiye

Rustem Askin, Prof., M.D. Department of Psychology, Istanbul Ticaret University, Faculty of Humanities and Social Sciences, Istanbul, Turkiye

Murad Atmaca, Prof., M.D.

Department of Psychiatry, Firat University, Faculty of Medicine, Elazig, Turkiye

Department of Psychiatry, Celal Bayar University, Faculty of Medicine, Manisa, Turkiye

Isin Baral Kulaksizoglu, Prof., M.D.

Department of Psychiatry, Istanbul University, Istanbul Faculty of Medicine, Istanbul, Turkiye

Department of Psychiatry, Dokuz Eylul University, Faculty of Medicine, Izmir, Turkiye

Murat Demet, Prof., M.D.

Department of Psychiatry, Celal Bayar University, Faculty of Medicine, Manisa, Turkiye

Nesrin Dilbaz, Prof., M.D. Department of Psychology, Uskudar University, Faculty of Humanities and Social Sciences, Istanbul, Turkiye

Cuneyt Evren, Prof., M.D. Department of Psychology, Istanbul Gelisim University, Faculty of Economics, Administrative and Social Science, Istanbul, Turkiye

Ertugrul Esel, Prof., M.D.

Department of Psychiatry, Erciyes University, Faculty of Medicine, Kayseri, Turkiye

Ali Saffet Gonul, Prof., M.D.

Department of Psychiatry, Ege University, Faculty of Medicine, Izmir, Turkiye

Huseyin Gulec, Prof., M.D.

Department of Psychiatry, Erenkoy Training and Research Hospital for Psychiatry, Istanbul, Turkiye

Cicek Hocaoglu, Prof., M.D.

Department of Psychiatry, Recep Tayyip Erdogan University Faculty of Medicine, Rize, Turkiye

Oguz Karamustafalioglu, Prof., M.D. Department of Psychology, Uskudar University, Faculty of Humanities and Social Sciences, Istanbul, Turkiye

Ismet Kirpinar, Prof. M.D. Department of Psychiatry, Bezmialem Vakif University, Faculty of Medicine, Istanbul, Turkiye

Timucin Oral, Prof., M.D. Private Practice, Istanbul, Turkiye

Osman Ismail Ozdel, Prof., M.D. Department of Psychiatry, Pamukkale University, Denizli, Turkiye

Sebnem Pirildar, Prof., M.D. Department of Psychiatry, Ege University, Faculty of Medicine, Izmir, Turkiye

Mehmet Zihni Sungur, Prof., M.D. Department of Psychology, Kent University, Istanbul, Turkiye

Vedat Sar, Prof., M.D.

Department of Psychiatry, Koc University, Faculty of Medicine, Istanbul, Turkiye

Lut Tamam, Prof., M.D.

Department of Psychiatry, Cukurova University, Faculty of Medicine, Adana, Turkiye

Nese Direk Tecirli, Assoc. Prof., M.D.

Department of Psychiatry, Istanbul University, Faculty of Medicine, Istanbul, Turkiye

Rasit Tukel, Prof., M.D.

Department of Psychiatry, Istanbul University, Faculty of Medicine, Istanbul, Turkiye

Hakan Turkcapar, Prof., M.D. Deparment of Psychology, Hasan Kalyoncu University, Faculty of Economics, Administrative and Social Sciences, Gaziantep, Turkiye

Alp Ucok, Prof., M.D. Department of Psychiatry, Istanbul University, Istanbul Faculty of Medicine, Istanbul, Turkiye

Ozden Sukran Uneri, Prof., M.D. Department of Child Psychiatry, Dr. Sami Ulus Maternity and Children's Research and Education Hospital, Ankara, Turkiye

Simavi Vahip, Prof., M.D.

Department of Psychiatry, Ege University, Faculty of Medicine, Izmir, Turkiye

Erdal Vardar, Prof., M.D.

Department of Psychiatry, Trakya University, Faculty of Medicine, Edirne, Turkiye

Mustafa Yildiz, Prof., M.D.

Department of Psychiatry, Kocaeli University, Faculty of Medicine, Kocaeli, Turkiye

Papers and the opinions in the Journal are the responsibility of the authors.

This is a medical scientific journal, published quarterly in March, June, September, and December and distributed free.

Editorial Correspondence

Bakirkoy Prof Mazhar Osman Training and Research
Hospital for Psychiatry Neurology and Neurosurgery,
34747 Istanbul - Turkiye
Phone / Telefon: +90 (212) 409 15 15
Fax / Faks: +90 (212) 409 15 95
dusunenadamjpns@gmail.com
www.dusunenadamdergisi.org

Owner

The Journal is owned by Murat Erkiran, Prof., M.D., (Istanbul, Turkiye) on behalf of Bakirkoy Prof. Dr. Mazhar Osman Training and Research Hospital for Psychiatry, Neurology and Neurosurgery

Editor-in-Chief

Murat Erkiran, Prof., M.D., (Istanbul, Turkiye)

Publishing Company

Kare Medya (Kare Media)
Goztepe Mahallesi, Fahrettin Kerim Gokay Caddesi,
No: 200, Daire: 2, Kadikoy, Istanbul - Turkiye
Phone / Telefon: +90 (216) 550 61 11 Fax / Faks: +90 (216) 550 61 12
Web: http://www.kareyayincilik.com e-mail / e-posta: kareyayincilik@gmail.com

Printed in

Filmevi Grafik Renk Ayrımı Sistemleri San. Tic. LTD. ŞTİ. İstanbul-Turkiye Phone / Telefon: +90 (212) 429 29 03

Publication Type: Quarterly Periodical

 \otimes

This publication is printed on acid-free paper that meets the international standart ISO 9706: 1994 (Requirements for Permanence).

www.dusunenadamdergisi.org / ISSN: 1018-8681 (Print edition) / ISSN: 1309-5749 (Electronic edition)

Contents

Guest Editorial

	Rode SdM, Garcia LP	Open science and quality in publishing	115
Rese	arch Articles		
1	Bilge Y, Yilmaz R	Turkish adaptation of the Dimensional Clinical Personality Inventory-Schizoid Personality Disorder: Validity and reliability study	117
2	Iteire KA, Ale T	Garlic synthetic complex ameliorates oxidative stress, improves spatial working memory, and exhibits anxiolytic potential in scopolamine-induced neurotoxicity in Wistar rats	127
3	Unler M, Ekmekci Ertek I	Completed physician and medical student suicides in Turkiye (2006–2021): An explanatory internet-based study	136
4	Solak Gormus ZI, Vidin T, Ozen Koca R, Solak H, Uslu EF	The effects of agomelatine, fluoxetine, and sertraline on rat bladder contraction in vitro	148
5	Yesilkaya UH, Sahmelikoglu Onur O, Akarsu Acar OP, Goy DF, Onur IU, Karamustafalioglu N	Investigating the effects of glucose and lipid metabolism on neuronal structure using optical coherence tomography in treatment-resistant schizophrenia	157
6	Civan Kahve A, Asut G, Cakmak IB, Can KC, Kaya H, Goka E	Professional interests of psychiatrists in Turkiye: Are they consistent with clinical practice and self-efficacy?	168
7	Turk B, Tali HH	Predicting suicidal thoughts in a non-clinical sample using machine learning methods	179
8 Lette	Alpaydin Baslo S, Atakli D, Soysal A	Single fiber electromyography of the frontalis muscle: A view from the electromyography laboratory perspective	189
Lene	i to the Luitoi		
9	Gulcu Ustun NS	Abnormal vaginal bleeding related to risperidone	195