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; Emerging Sources Citation Index (ESCI),
Scopus, Embase, PsychINFO / Psychological Abstracts, 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 JournalSeek,
Researchbib, Worldcat, Türkiye Citation Index, Turkish Psychiatry Index, Türk Medline, TUBITAK's Turkish Medical Index



**WEB OF SCIENCE** 























The Journal of Psychiatry and Neurological Sciences



Volume: 32, Number: 3, September 2019

# RRSHH

## The Journal of Psychiatry and Neurological Sciences

Volume: 32, Number: 3, September 2019

#### Editor

Cüneyt Evren, Assoc. Prof., M.D.

Department of Psychiatry, Bakirkoy Training and Research Hospital for Psychiatry Neurology and Neurosurgery, Research, Treatment and Training Center for Alcohol and Substance Dependence (AMATEM), Istanbul, Turkey

#### Associate Editors

Kürşat Altınbaş, Assoc. Prof., M.D. Ercan Dalbudak, Assoc. Prof., M.D. Department of Psychiatry, Selcuk University, School of Medicine, Konya, Turkey

Private Practice, Ankara, Turkey

#### **Editor for Statistics**

Murat Boysan, Assoc. Prof., M.D.

Department of Psychiatry, Van Yuzuncu Yil University, Van, Turkey

#### Linguistic Editors

Samet Köse, Assoc. Prof., M.D. Suat Küçükgöncü, Assoc. Prof., M.D. Department of Psychiatry, University of Texas Medical School, Houston, TX, USA Department of Psychiatry, Maltepe University, School of Medicine, Istanbul, Turkey

### International Advisory Board

Michael Bauer, Prof., M.D., Ph.D. Ross J. Baldessarini, Prof., M.D. James Bell, M.D.

Istvan Bitter, Prof., M.D., Ph.D. Wim van den Brink, Prof., M.D. Martin Brüne, Prof., M.D.

C. Robert Cloninger, M.D. Nick Craddock, Prof., M.D., Ph.D.

Serdar Dursun, Prof., M.D. David L. Dunner, Prof., M.D. Jon D. Elhai, Prof., Ph.D.

Maurizio Fava, Prof., M.D.

Kostas N. Fountoulakis, Prof., M.D. Mark A. Frye, Prof., M.D.

David Greenberg, Prof., M.D. Mark Griffiths, Prof., Ph.D.

Paul Griffiths, M.Sc.

Tomas Hajek, Assoc. Prof., M.D. Siegfried Kasper, Prof., M.D. Ralph Kupka, Prof., M.D., Ph.D.

Mario Maj, Prof., M.D. Peter R. Martin, Prof., M.D.

Pavel Mohr, M.D., Ph.D. Hans Jürgen Möller, Prof., M.D.

Kerim Munir, Assoc. Prof., M.D. Henry A. Nasrallah, Prof., M.D.

Charles B. Nemeroff, Prof., M.D., Ph.D. Andrew A. Nierenberg, Prof., M.D. Brian F. O'Donnell, Prof., M.D., Ph.D.

Dost Öngür, Assoc. Prof., M.D., Ph.D. Janusz Rybakowski, Prof., M.D., Ph.D.

Gary S. Sachs, Prof., M.D.

Norman Sartorius, M.D., MA, DPM, PhD. Alessandro Serretti, Assoc. Prof., M.D.

Jair C. Soares, Prof., M.D. Marc Schuckit, Prof., M.D. Mauricio Tohen, Prof., M.D. Jim Van Os, Prof., M.D. Joseph Zohar, Prof., M.D. Department of Psychiatry and Psychotherapy, Technische Universität Dresden, Dresden, Germany

Department of Psychiatry, McLean Hospital, Harvard Medical School, Belmont, MA, USA Institute of Psychiatry, Psychology & Neuroscience, King's College London, London, England Department of Psychiatry and Psychotherapy, Semmelweis University, Budapest, Hungary Department of Psychiatry, Academisch Medisch Centrum, Amsterdam, The Netherlands Research Department of Neuroscience, Ruhr University Bochum, Bochum, Germany Department of Psychiatry, Washington University School of Medicine, St. Louis, MO, USA MRC Centre for Neuropsychiatric Genetics & Genomics, Cardiff University, Cardiff, UK

Department of Psychiatry, University of Alberta, Edmonton, Canada

Private Practice, Mercer Island, WA, USA

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

Department of Psychiatry, Massachusetts General Hospital, Harvard Medical School, Boston, MA, USA

Department of Psychiatry, Aristotle University of Thessaloniki, Thessaloniki, Greece Departments of Psychology and Psychiatry, Mayo Clinic, Rochester, MN, USA Community Mental Health Center, Herzog Hospital, Jerusalem, Israel

Department of Psychology, Nottingham Trent University, The International Gaming Research Unit, Nottingham, England

Scientific Division, European Monitoring Centre for Drugs and Drug Addiction (EMCDDA), Lisbon, Portugal

Department of Psychiatry, Dalhousie University, Halifax, Canada

Department of Psychiatry and Psychotherapy, Medical University of Vienna, Vienna, Austria

Department of Psychiatry, VU University Medical Center, Amsterdam, Netherlands

Department of Psychiatry, University of Naples SUN, Naples, Italy

Department of Psychiatry, Vanderbilt University School of Medicine, Nashville, TN, USA

Clinical Department, Prague Psychiatric Center, Prague, Czech Republic Department of Psychiatry, University of Munich, Munich, Germany

Boston Children's Hospital Developmental Medicine Center, Harvard Medical School, Boston, MA, USA

Department of Neurology & Psychiatry, Saint Louis University, Cincinnati, OH, USA Department of Psychiatry, University of Miami Health System, Miami, FL, USA Department of Psychiatry, Massachusetts General Hospital, Boston, MA, USA Psychological and Brain Sciences, Indiana University, Bloomington, Indiana

Department of Psychiatry, McLean Hospital, Harvard Medical School, Belmont, MA, USA Department of Psychiatry, Poznan University of Medical Sciences, Poznan, Poland

Department of Psychiatry, Massachusetts General Hospital, Harvard Medical School, Boston, MA, USA

Department of Psychiatry, University of Geneva, Geneva, Switzerland Department of Psychiatry, Bologna University, Bologna, Italy

Department of Psychiatry and Behavioral Sciences, The University of Texas Medical School, Houston, TX, USA

Department of Psychiatry, UC San Diego School of Medicine, San Diego, SC, USA

Department of Psychiatry, University of Texas Health Science Center, San Antonio, TX, USA

Department of Psychiatry and Psychology, Maastricht University Medical Centre, Maastricht, Netherlands Department of Psychiatry, Chaim Sheba Medical Center, Tel Hashomer, Israel

#### National Advisory Board

Köksal Alptekin, Prof., M.D. Department of Psychiatry, Dokuz Eylul University, School of Medicine, Izmir, Turkey

Rüstern Aşkın, Prof., M.D. Department of Psychiatry, Erenkoy Training and Research Hospital for Psychiatry, Istanbul, Turkey

Murad Atmaca, Prof., M.D. Department of Psychiatry, Firat University, School of Medicine, Elazig, Turkey

Ömer Aydemir, Prof., M.D.

Department of Psychiatry, Celal Bayar University, School of Medicine, Manisa, Turkey
Işın Baral Kulaksızoğlu, Prof., M.D.

Department of Psychiatry, Istanbul University, Istanbul School of Medicine, Istanbul, Turkey

Can Cimilli, Prof., M.D. Department of Psychiatry, Dokuz Eylul University, School of Medicine, Izmir, Turkey

Mesut Çetin, Prof., M.D. Private Practice, Istanbul, Turkey

Murat Demet, Prof., M.D. Department of Psychiatry, Celal Bayar University, School of Medicine, Manisa, Turkey

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

Orhan Doğan, Prof., M.D. Department of Psychology, Istanbul Gelisim University, Faculty of Economics, Administrative and Social Sciences, Istanbul, Turkey

Ertuğrul Eşel, Prof., M.D. Department of Psychiatry, Erciyes University, School of Medicine, Kayseri, Turkey
Ali Saffet Gönül, Prof., M.D. Department of Psychiatry, Ege University, School of Medicine, Izmir, Turkey

Hüseyin Güleç, Assoc. Prof., M.D.

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

Department of Psychology, Uskudar University, Faculty of Humanities and Social Sciences, Istanbul, Turkey

İsmet Kırpınar, Prof. M.D. Department of Psychiatry, Bezmialem Vakif University, School of Medicine, Istanbul, Turkey

Levent Küey, Assoc. Prof., M.D. Deparment of Psychology, Istanbul Bilgi University, Faculty of Social Sciences and Humanities, Istanbul, Turkey

Timuçin Oral, Prof., M.D. Private Practice, Istanbul, Turkey

Ayşeqül Özerdem, Prof., M.D. Department of Psychiatry, Dokuz Eylul University, School of Medicine, Izmir, Turkey

Osman İsmail Özdel, Prof., M.D. Department of Psychiatry, Pamukkale University, Denizli, Turkey

Şebnem Pirildar, Prof., M.D. Department of Psychiatry, Ege University, School of Medicine, Izmir, Turkey

Bengi Semerci, Prof., M.D.

Department of Child and Adolescent Psychiatry, Hasan Kalyoncu University, Gaziantep, Turkey

Mehmet Zihni Sungur, Prof., M.D.

Department of Psychiatry, Marmara University, School of Medicine, Istanbul, Turkey

Department of Psychiatry, Koc University, School of Medicine, Istanbul, Turkey

Lut Tamam, Prof., M.D.

Department of Psychiatry, Cukurova University, School of Medicine, Adana, Turkey

Lut. Tamam, Prof., M.D. Department of Psychiatry, Cukurova University, School of Medicine, Adana, Turkey Raşit Tükel, Prof., M.D. Department of Psychiatry, Istanbul University, School of Medicine, Istanbul, Turkey

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

Alp Üçok, Prof., M.D. Department of Psychiatry, Istanbul University, Istanbul School of Medicine, Istanbul, Turkey

Özden Şükran Üneri, Assoc. Prof., M.D. Department of Child Psychiatry, Dr. Sami Ulus Maternity and Children's Research and Education Hospital, Ankara, Turkey

Simavi Vahip, Prof., M.D.

Department of Psychiatry, Ege University, School of Medicine, Izmir, Turkey

Erdal Vardar, Prof., M.D.

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

Medaim Yanık, Prof., M.D. Department of Psychology, Ibn Haldun University, College of Humanities and Social Sciences, Istanbul, Turkey

Mustafa Yildız, Prof., M.D. Department of Psychiatry, Kocaeli University, School of Medicine, Kocaeli, Turkey

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. Dr. Mazhar Osman Training and Research
Hospital for Psychiatry, Neurology and Neurosurgery
Bakırköy 34747 İstanbul - Turkey
Phone / Telefon: +90 (212) 409 15 15 / 2111
Fax / Faks: +90 (212) 572 95 95
dusunenadam@dusunenadamdergisi.org
www.dusunenadamdergisi.org

#### Owner

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

#### Editor-in-Chief

Cüneyt Evren, Assoc. Prof., M.D., (İstanbul, Turkey)

#### Publishing Company

Yerküre Tanitim ve Yayıncılık Hizmetleri A.Ş. Cumhuriyet Caddesi 48/3B Harbiye 34367 İstanbul - Turkey Phone / Telefon: +90 (212) 240 28 20 Fax / Faks: +90 (212) 241 68 20 e-mail / e-posta: yerkure@yerkure.com.tr

#### Printed in

İmak Ofset Basım Yayın Tic. ve San. Ltd. Şti. Atatürk Cad. Göl Sok. No: 1, Yenibosna - İstanbul Phone / Telefon: +90 (212) 656 49 97 www.imakofset.com.tr

Publication Type: Quarterly Periodical

8

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

### Contents

#### **Guest Editorial**

	Griffiths MD	The evolution of the 'components model of addiction' and the need for a confirmatory approach in conceptualizing behavioral addictions	179
Resea	arch Articles		
1	Inci Izmir SB, Ipci M, Ercan ES	Internet use and aggression in adolescents with attention deficit hyperactivity disorder	185
2	Erkan Ekinci A, Ekinci O	Relation of quality of life with clinical and demographic features in patients with obsessive-compulsive disorder: the effect of insight and suicidality	194
3	Besenek M, Yilmaz IT, Guleryuz H, Alsen Guney S, Inal Emiroglu N	Anterior cingulate cortex disconnectivity in high-risk offspring of bipolar patients: a preliminary DTI study	203
4	Yilmaz T, Bozo O	Turkish adaptation of the Objectified Body Consciousness Scale and the Self-Objectification Questionnaire	214
5	Evren C, Evren B, Dalbudak E, Topcu M, Kutlu N	Relationship of internet gaming disorder severity with symptoms of anxiety, depression, alexithymia, and aggression among university students	227
6	Goztepe Gumus I, Tutarel Kislak S	The predictive role of forgiveness and the level of repetitive thinking on mental health and marital adjustment in married individuals	236
7	Cap D, Dag I	The importance of the family for psychological symptomatology in a non-clinical population: expressed emotion and perceived maternal control	246
8	Demirtas AS, Yildiz B	Hopelessness and perceived stress: the mediating role of cognitive flexibility and intolerance of uncertainty	259
Case	Reports		
9	Alnak A, Bulanik Ozdemirci D, Coskun M	Co-existence of Beckwith-Wiedemann syndrome and autism spectrum disorder	268
10	Aksu MH, Arikan Z	Successful treatment of auditory hallucinations in a schizophrenia patient with the use of clonidine	271
11	Koparal B, Kucukkarapinar M, Ekmekci Ertek I	Rechallenge of clozapine in a patient with a history of clozapine-induced myocarditis	275
Letter	s to the Editor		
12	Sonmez D, Hocaoglu C	A rare type of trichotillomania: rhinotillexomania	279
13	Kocamer Sahin S, Gumuslu A, Kaya D, Elboga G, Altindag A	Pheniramine dependence: a case report	281