

Journal of **MULTIPLE SCLEROSIS** *Research*

33

Multiple Sclerosis-related Fatigue: An Updated Review of Pathophysiology and Associated Variables Contributing Factors
Yeni and Terzi

43

Knowledge Mapping of Balance Rehabilitation in Multiple Sclerosis: A Bibliometric Analysis
Cimen et al.

52

Pediatric-onset Multiple Sclerosis in Families: A Distinct Phenotype
Alizada et al.

Editor in Chief

Serkan Ozakbas

Dokuz Eylul University Hospital, Clinic of
Neurology, Izmir, Türkiye
0000-0003-2140-4103
serkan.ozakbas@gmail.com

Assistants Editors

Childhood CNS Demyelinating Diseases

Banu Anlar

Hacettepe University Faculty of Medicine,
Department of Child Health and Diseases,
Division of Pediatric
0000-0001-6727-6229
banlar@hacettepe.edu.tr

Bilge Piri Cinar

Zonguldak Bulent Ecevit University Faculty
of Medicine, Department of Neurology,
Zonguldak, Türkiye
0000-0002-4884-0717
bilge.cinarpiri@gmail.com

Clinical Overview

Yesim Beckmann

Izmir Katip Celebi University Faculty of
Medicine, Department of Neurology, Izmir,
Türkiye
0000-0001-5158-8834
ybeckmann@gmail.com

Cognition

Bilge Piri Cinar

Zonguldak Bulent Ecevit University Faculty
of Medicine, Department of Neurology,
Zonguldak, Türkiye
0000-0002-4884-0717
bilge.cinarpiri@gmail.com

Emre Bora

Dokuz Eylul University Hospital, Department
of Psychiatry, Izmir, Türkiye
0000-0002-1598-6832
emre.bora@deu.edu.tr

Imaging

Cavit Boz

Karadeniz Technical University Faculty
of Medicine, Department of Neurology,
Trabzon, Türkiye
0000-0003-0956-3304
cavitb@yahoo.com

Rahsan Gocmen

Cukurova University Faculty of Medicine,
Department of Radiology, Adana, Türkiye
0000-0002-0223-9336
gocmentr@yahoo.com

Neuroimmunology

Asli Tuncer

Hacettepe University Faculty of Medicine,
Department of Neurology, Ankara, Türkiye
0000-0001-9449-4483
maslituncer@gmail.com

Erdem Tuzun

Istanbul University Faculty of Medicine,
Department of Neurology, Istanbul, Türkiye
0000-0002-4483-0394
drerdem@yahoo.com

Rehabilitation

Alon Kalron

School of Health Professions, Sackler
Faculty of Medicine and Sagol School
Department of Physical Therapy, of
Neuroscience, Tel Aviv, Israel
0000-0001-7999-0868
alonkalr@post.tau.ac.il

Ozge Ertekin

Dokuz Eylul University School of Physical
Therapy and Rehabilitation, Department of
Neurological Physiotherapy-Rehabilitation,
Izmir, Türkiye
0000-0001-9935-0673
ozge28altin@hotmail.com

Research Design and Data Analytics

Mehmet Berktaş

Blue Idea Consulting, London United
Kingdom

Statistics Editorial

Mehmet Berktaş

Please refer to the journal's webpage (<https://jmsres.com/>) for "Ethical Policy" and "Instructions to Authors".

The editorial and publication process of the Journal of Multiple Sclerosis Research are shaped in accordance with the guidelines of the ICMJE, WAME, CSE, COPE, EASE, and NISO. The journal is in conformity with the Principles of Transparency and Best Practice in Scholarly Publishing. Journal of Multiple Sclerosis Research is indexed in J-Gate, Embase, Türk Medline, EBSCO Host and Gale.

The journal is published online.

Owner: Multiple Sclerosis Research Association

Responsible Manager: Serkan Ozakbas

CONTENTS

REVIEW

- 33** Multiple Sclerosis-related Fatigue: An Updated Review of Pathophysiology and Associated Variables Contributing Factors
Kubra Yeni, Murat Terzi; Samsun, Türkiye

- 43** Knowledge Mapping of Balance Rehabilitation in Multiple Sclerosis: A Bibliometric Analysis
Nihal Cimen, Elif Comlekci Memis, Seher Karacam, Busra Kurtuncuoglu, Ismail Ceylan; Kırşehir, Türkiye

RESEARCH ARTICLE

- 52** Pediatric-onset Multiple Sclerosis in Families: A Distinct Phenotype
Said Alizada, Can Caliskan, Ela Simay Zengin, Yasemin Simsek; İzmir, Türkiye