

## **Prof. Seyed Massood Nabavi, MD**

- **Neurologist (Board certified)**
- **MS and Neuro immunology Fellowship**
- **Expertise degree in clinical epidemiology**

**Email:** [sm.nabavi@Royaninstitute.org](mailto:sm.nabavi@Royaninstitute.org),  
[seyedmassoodnabavi@gmail.com](mailto:seyedmassoodnabavi@gmail.com)

**Phone Number:** +989121309304

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## Education

### Neurology (Specialty)

- Tehran University of Medical Sciences, Tehran, Iran
- 1995-1999

### MD

- Tehran University of Medical Sciences, Tehran, Iran
- 1987-1994

## Fellowship

### Fellowship in MS and Neuro immunology

- University of Würzburg, Germany
- 2007 (3 months)

### Fellowship in MS clinical and laboratory

- University of Innsbruck, Austria
- 2006 (9 months)

### Clinical epidemiology expert course program

- Iran University of Medical Sciences, Tehran, Iran
- 2010 (6 months)

## Academic Position

- **Full Professor**, Department of regenerative medicine, Royan Institute, Tehran, Iran.  
**2015-present**
- **Associate professor**, Head of Neurology department, Internal medicine group, Shahed University, Mostafa Medical Center, Tehran, Iran.  
**2009-2015**
- **Assistant professor**, Shahed University, Mostafa Medical Center, Tehran, Iran.  
**1999-2008**

## Professional activities

- **Pioneer and member of scientific committee of Iran MS society.**
- **Advisor of National and international pharmaceuticals for CNS and MS products.**
- **Reviewer and supervising board member, IR-FDA of Iran health ministry.**
- **Member of International MESEMS committee.**
- **Academic member of the Council for the Development of Regenerative Medicine Technologies and Stem Cells, Iran Vice -Presidency for Science and Technology.**
- **Member of MS panel in European Academy of Neurology (EAN)**
- **Establisher and director of the first Neurology and Neurophysiology ward for education of medical students in Shahed University, Tehran, Iran.**
- **Active member of European Neurological society**
- **Member of scientific subcommittee of MS and Neuro immunology in European Neurological society**
- **Establisher and director of MS research Unit, Mostafa medical center, Tehran, Iran (2009-2018)**
- **Director of main secretariat of neurology and its related field for congresses and events in Iranian neurological association (2010-2015)**
- **Member of Clinical trials committee for approval of medications in Neurology, IR-FDA of Iran health ministry. (2011-2021)**
- **Director at Neurology research group, Department of Regenerative medicine, Royan Institute, Tehran, Iran (Since 2015)**

- **Establisher of Arya group for treatment and research in MS (Since 2020)**
- **Establisher and director of the private neurology office for managing more than 12000 Neurological patients and more than 4000 MS patients (Since 2000)**
- **Chairperson and secretary of 15<sup>Th</sup> International Congress on Neurology and electrophysiology of Iran (May2008)**
- **Vice secretary of 16<sup>Th</sup> International congress of Neurology and electrophysiology of Iran (May2009)**
- **Member of health and drug committee of Dideban NGO in Iran (Since 2017)**

### Scientific Journals

- **Editor in-chief, Iranian MS journal, Payame MS (2004-2014)**
- **Editor in-chief, Iranian journal of Neurology (2011-2012)**
- **Associate editor of Iranian Journal of Neurology (2013-2016)**
- **Editorial board of Molecular medicine journal (Since 2014)**
- **Editorial board, Austin Journal of Multiple Sclerosis and Neuroimmunology (Since 2014)**
- **Editorial board of Modern Medical Laboratory Journal (Since 2020)**
- **Editorial board of Daneshvar medical journal (2009-2015)**
- **Editorial board of Iranian neurology journal (2008-2018)**
- **Editorial board of Caspian journal of Neuroscience (2013-2020)**
- **Reviewer of more than 20 medical journals (MSRD, BMC Neurology, Daneshvar Medical Journal, Iranian Radiology Journal, Monthly medical journal of Tehran University, Current journal of neurology, International journal of research in medical sciences, ,Laser in medicine, Acta medica Iranica, Medicina, Vaccines, Sexual and Therapy, and etc.)**

### Honors and Awards

- **Elected member of scientific committee, Iranian Neurological association**
- **Elected as the second best medical student among 660 graduated students in Tehran University of medical sciences in 1994**
- **Elected as the third best neurologist in training (Residency progrma) in the Iran national neurology board examination**
- **Pioneer and the first director of scientific and medical committee of Iranian MS society**

- Elected as one of 7 executive board members of Iranian Neurological association (2011-2022)
- Elected editor in-chief, Iranian journal of Neurology (2011-2012)
- Elected scientific secretary of the first Iranian congress in the applications of stem cell in Neurology, Dec 2011, Tehran, Iran
- Elected chairperson, 22<sup>th</sup> Iran International congress of Neurology and Clinical Electrophysiology (2014)
- Elected as central board member of TETZOCA Karate committee of Iran (Since 2020)

### Social and cultural activities

- Participation in more than 230 radio and TV program to educate Iranian about diseases as expert (Since 2000)
- Producing and expertise of a series of educational movies for public awareness about neurological disorders (2018-2022)

### Projects

- Involvement in more than 150 research and thesis projects in the field of MS and Neurology as the principle investigator or one of the investigators mainly in MS epidemiology, registry, drugs, biomarkers and also cell therapy.
- Principle investigator of MESEMS international project in Iran in corporation of Iran and 9 European countries and Canada (2013-2020)
- Principle investigator of the production of 3 MS drugs in Iran (Actovex, Actofron, Actorif) (2011-2015).
- Co- investigator of 2 international research projects of MS drugs in Iran (Betaplus, Avonex Safety) (2005-2008)

### Presentation

**Invited or elected speaker in several MS and Neurology congresses and symposiums such as:**

- WMS congress in Berlin, 2003
- WCN congress in Bangkok, 2009
- ICNE congress in Abu Dhabi, 2013
- WCN congress in Kyoto, 2017
- MS optimum therapy symposium in Abu Dhabi, 2023

### Publications

### **Compiling of 5 books in Farsi (Persian language):**

- MS ,symptomatic management for the patients, 2006 and revised in 2021
- The origins and development of Neurology for professionals, 2004
- Exercise and training in MS, 2013
- The guide to treatment and management of MS, 2001 (Translating from English to Farsi)

### **Publication of more than 100 Abstracts (in English and Farsi) and publication of more than 250 full text articles (in English and Farsi). Some of the published articles are as follows:**

- Sex hormone therapy in Multiple Sclerosis: A systematic review of randomized clinical trials. M Shayestehfar, M Salari, S Karimi, M Vosough, A Memari, **SM Nabavi**. Journal of Central Nervous System Disease, **2024**
- Pathogenic  $\alpha$ -synuclein triggers focal tau pathology, developing to various brain areas in Parkinson disease. F Hadi, K Shahpasand, H Akrami, M Totonchi, A Barzegar, **SM Nabavi**. Alzheimer's & Dementia, **2023**
- Sirtuins and Metabolism Biomarkers in Relapsing-Remitting and Secondary Progressive Multiple Sclerosis: a Correlation Study with Clinical Outcomes and Cognitive Impairments. F Foolad, Z Samadi-Bahrami, F Khodagholi, **SM Nabavi**, GR Moore, et al. Molecular Neurobiology, **2023**
- Horizons of MS therapy: during 30 years (ORP-06). **SM Nabavi**. Neurology Letters, **2023**
- Intravenous transplantation of bone marrow-derived mesenchymal stromal cells in patients with multiple sclerosis, a phase I/IIa, double blind, randomized controlled study. **SM Nabavi**, S Karimi, L Arab, N Aghdami, N Joghtaei, S Maroufizadeh, et al. Multiple Sclerosis and Related Disorders, **2023**
- Pathogenic  $\alpha$ -synuclein triggers focal tau pathology, developing to various brain areas in Parkinson disease. F Hadi, K Shahpasand, H Akrami, M Totonchi, A Barzegar, **SM Nabavi**. Alzheimer's Association International Conference, **2023**
- A case–control study of drinking beverages and the risk of multiple sclerosis in Iran. M Dastoorpoor, **SM Nabavi**, N Majdinasab, A Zare Javid, K Ahmadi Angali, et al. Journal of Health, Population and Nutrition, **2023**

- Sex hormone therapy in multiple sclerosis: a systematic review of clinical trials. M Shayestehfar, M Salari, S Karimi, M Vosough, A Memari, **SM Nabavi**. Preprint. **2023**
- The Rate and Pattern of Changes in MS Disease Modifying Drugs in Tehran, Iran; a Cross-Sectional Study from Tehran MS Registry. S Eskandarieh, Z Salehi, A Ebrahimitirtashi, N Abbasi, F Khodaie, E Madreseh, **SM Nabavi**, et al. Multiple Sclerosis and Related Disorders, **2023**
- Rate of Parental Consanguineous Marriage Among Familial Multiple Sclerosis Patients in Iran: A National Registry-Based Study. S Eskandarieh, Z Salehi, F Ashtari, SM Baghbanian, **SM Nabavi**, et al. Multiple Sclerosis and Related Disorders, **2023**
- What Effects Can Expressive Writing Have on Sexual Dysfunction in Women with Multiple Sclerosis? A Randomized Controlled Trial. B Afshar, L Amini, **SM Nabavi**, M Hasani, M Mohammadnoori, S Jahanfar, et al. Acta Neurologica Scandinavica, **2023**
- Late-onset multiple sclerosis in Iran: A report on demographic and disease characteristics. F Ghadiri, MA Sahraian, N Razazian, F Ashtari, M Poursadeghfard, **SM Nabavi**, et al. Multiple sclerosis and related disorders, **2023**
- Overview on Incorporating Computer-Aided Diagnosis Systems for Dementia: Early Detection of Alzheimer's Disease. V Karami, G Nittari, S Karami, **SM Nabavi**. Exploring Future Opportunities of Brain-Inspired Artificial Intelligence, **2023**
- Effect of MS14® on physical activity of multiple sclerosis patients: A randomized triple-blind placebo-controlled clinical trial. H Rezaeizadeh, K Gharegozli, **SM Nabavi**, V Shayegannejad, et al. Multiple Sclerosis and Related Disorders, **2023**
- Biological Features of CD5+ CD19+ B1 Cell and Natural IgM (VH4-34) in Chronic Lymphocytic Leukemia vs. Multiple Sclerosis. S Pezeshki, MH Jazayeri, B Chahardouli, N Tajik, **SM Nabavi**, et al. Iranian Journal of Allergy, Asthma and Immunology, **2022**
- The Comparable Effect of tDCS and Core Exercises on Balance and Mobility in Patients With Multiple Sclerosis
- S Mohammadkhanbeigi, Y Moghadas Tabrizi, **SM Nabavi**, H Minoonejad. Iranian Rehabilitation Journal, **2022**
- Prediction of Multiple Sclerosis Lesion Evolution Patterns in Brain MR Images Using Weekly Time Series Analysis. F Jamee, RM

Khayati, CRG Guttmann, F Cotton, **SM Nabavi**. Journal of Medical and Biological Engineering, **2022**

- A randomized, double-blind controlled clinical study to determine the effectiveness, safety and tolerability of actoferon (R) compared to betaferon (R) in subjects with relapsing remitting multiple sclerosis (RRMS). **SM Nabavi**, R Abolfazli, S Shabani, A Etemadrezai, H Hosseini, et al. MULTIPLE SCLEROSIS JOURNAL, **2022**
- Synchronizing victim evacuation and debris removal: A data-driven robust prediction approach. **SM Nabavi**, B Vahdani, BA Nadjafi, MA Adibi. European Journal of Operational Research, **2022**
- Advanced therapeutic medicinal products (ATMPs) in Ischemic Stroke; novel therapeutic modalities from financial perspective. S Ghashghaei, MA Mousavi, S Karimi, SS Nadali Pour, **SM Nabavi**, et al. Modern Medical Laboratory Journal, **2022**
- P38 initiates degeneration of midbrain GABAergic and glutamatergic neurons in diabetes models. A Farhadi, M Totonchi, **SM Nabavi**, H Baharvand, H Pakdaman, et al. European Journal of Neuroscience, **2022**
- Perfusion MRI in automatic classification of multiple sclerosis lesion subtypes. E Homayouny, RM Khayati, **SM Nabavi**, V Karami. IET Signal Processing, **2022**
- مؤثرترین مداخلات در عملکرد و اختلال عملکرد جنسی افراد با مولتیپل اسکلروزیس: B Afshar, L Amini, M Hasani, S Jahanfar, **SM Nabavi**. International Journal of Reproductive BioMedicine, **2022**
- Evaluation the Effect of the Health Promoting Lifestyle by Multimedia Education on Sexual Function in Women With Multiple Sclerosis. M Kheirkhah, A Ahadi, **SM Nabavi**, N Tavakkol, T Lotfi. Iran Journal of Nursing, **2022**
- The most effective sexual function and dysfunction interventions in individuals with multiple sclerosis: A systematic review and meta-analysis. B Afshar, L Amini, M Hasani, S Jahanfar, **SM Nabavi**. International Journal of Reproductive BioMedicine, **2022**
- Tau nuclear translocation is a leading step in tau pathology process through P53 stabilization and nucleolar dispersion
- S Roqanian, S Ahmadian, **SM Nabavi**, H Pakdaman, M Shafiezhadeh, et al. Journal of Neuroscience Research, **2022**

- Patient Reported Outcomes of New Brand-Generic Product of Teriflunomide in Patients with Relapsing-Remitting Multiple Sclerosis: Preliminary Analysis. R Abolfazli, **SM Nabavi**, A Azimi, M Nahayati, K Gharegozli, M Ghazaeian, et al. Multiple Sclerosis and Related Disorders, **2022**
- The effect of sexual health promotion package on sexual life in women with multiple sclerosis: Designed based on the results of a mixed method study. V Ghasemi, **SM Nabavi**, M Simbar, G Ozgoli, H Alavi Majd, MS Mirshafaei, et al. Sexuality and Disability, **2022**
- COVID-19 vaccination willingness and acceptability in multiple sclerosis patients: a cross sectional study in Iran. **SM Nabavi**, M Mehrabani, L Ghalichi, MA Nahayati, M Ghaffari, F Ashtari, et al. Vaccines, **2022**
- The frequencies of peripheral blood CD5+CD19+ B cells, CD3–CD16+CD56+ NK, and CD3+CD56+ NKT cells and serum interleukin-10 in patients with multiple sclerosis and neuromyelitis optica spectrum disorder. L Khani, MH Jazayeri, R Nedaeinia, M Bozorgmehr, **SM Nabavi**, GA Fern. Allergy, Asthma & Clinical Immunology, **2022**
- COVID-19 vaccination in patients with Multiple Sclerosis: A Practical guide for Neurologists. **SM Nabavi**, M Mehrabani, S Karimi, E Mohammadianinejad, M Ghafari, et al. Modern Medical Laboratory Journal, **2022**
- Safety of BBIBP-CorV (Sinopharm) COVID-19 Vaccination in People with Multiple Sclerosis: A Report From Iran. **SM Nabavi**, M Mehrabani, L Ghalichi, MA Nahayati, M Ghaffari, F Ashtari, et al. International Journal of Infection Prevention, **2022**
- COVID-19 Vaccination Willingness and Acceptability in Multiple Sclerosis Patients. **SM Nabavi**, M Mehrabani, L Ghalichi, MA Nahayati, M Ghaffari, F Ashtari, et al. Vaccines, **2022**
- Safety and efficacy of allogeneic adipose tissue mesenchymal stromal cells in amyotrophic lateral sclerosis patients, Single-center, Prospective, Open-label, Single-arm, clinical trial, long-term follow-up. **SM Nabavi**, SK Karimi, L Arab, L Sanjari, S Mardpour, V Azimian, et al. Cell Journal (Yakhteh), **2021**
- Prevalence of sexual dysfunction and related risk factors in men with multiple sclerosis in Iran: a multicenter study. **SM Nabavi**, M Dastoorpoor, N Majdinasab, N Khodadadi, N Khanjani, et al. Neurology and Therapy, **2021**



- Prevalence of sexual dysfunction in men with multiple sclerosis: a systematic review and meta-analysis. M Dastoorpoor, M Zamanian, R Moradzadeh, **SM Nabavi**, R Kousari. Systematic Reviews, **2021**
- Safety, tolerability, and activity of mesenchymal stem cells versus placebo in multiple sclerosis (MESEMS): a phase 2, randomised, double-blind crossover trial. A Uccelli, A Laroni, R Ali, MA Battaglia, M Blinkenberg, L Brundin, M Clanet, O Fernandez, J Marriott, P Muraro, **SM Nabavi**, et al. **The Lancet Neurology**, **2021**
- Investigating the effect of expressive writing on level of sexual dysfunction in iranian women with multiple sclerosis: a randomized controlled trial. **SM Nabavi**, B Afshar, L Amini. MULTIPLE SCLEROSIS JOURNAL, **2021**
- Patient reported outcomes of new brand-generic product of Teriflunomide (TEBAZIO®) in patients with relapsing-remitting multiple sclerosis: Preliminary analysis. R Abolfazli, **SM Nabavi**, AR Azimi, MA Nahayati, K Gharegozli, et al. Journal of the Neurological Sciences, **2021**
- The interplay of tau protein and  $\beta$ -amyloid: while tauopathy spreads more profoundly than amyloidopathy, both processes are almost equally pathogenic. M Pourhamzeh, MT Joghataei, S Mehrabi, R Ahadi, SMM Hojjati, N Fazli, **SM Nabavi**, et al. Cellular and molecular neurobiology, **2021**
- Sexual Support for Iranian Women with Multiple Sclerosis During Treatment Process: Sufficient or Insufficient?. V Ghasemi, M Simbar, **SM Nabavi**, G Ozgoli, HA Majd. International Journal of MS Care, **2021**
- $\alpha$ -synuclein abnormalities trigger focal tau pathology, spreading to various brain areas in Parkinson disease. F Hadi, H Akrami, M Totonchi, A Barzegar, **SM Nabavi**, K Shahpasand. Journal of Neurochemistry, **2021**
- Effect of expressive writing on promotion of body image in women with multiple sclerosis: A randomized controlled trial. B Afshar, L Amini, **SM Nabavi**, M Mohammadnouri, S Jahanfar, M Hasani. Journal of Mazandaran University of Medical Sciences, **2021**
- Identification of Multiple Sclerosis lesion subtypes and their quantitative assessments with EDSS using neuroimaging. V Karami, R Mahdavifar, A Habibzadeh, **SM Nabavi**. Network Modeling Analysis in Health Informatics and Bioinformatics, **2020**

- Sexual life under the shadow of multiple sclerosis in women: a qualitative study in Iran. V Ghasemi, M Simbar, G Ozgoli, **SM Nabavi**, H Alavi Majd. *Sexuality and Disability*, **2020**
- A self-administered, artificial intelligence (AI) platform for cognitive assessment in multiple sclerosis (MS). SM Khaligh-Razavi, M Sadeghi, M Khanbagi, C Kalafatis, **SM Nabavi**. *BMC neurology*, 2020
- Vegf and tnf- $\alpha$  responses to acute and chronic aerobic exercise in the patients with multiple sclerosis. S Rezaee, S Kahrizi, **SM Nabavi**, M Hedayati. *Asian Journal of Sports Medicine*, **2020**
- Types of pharmaceutical intervention in patients with Multiple sclerosis (MS): A fine line between immunosuppressive and risk of COVID-19 infection. M Sadeghi, A Kanani, E Barouti, **SM Nabavi**. *Multiple sclerosis (MS)*, **2020**
- P38 Initiates Diabetic Neurodegeneration Through Glutamatergic and GABAergic Neurons. A Farhadi, M Totonchi, **SM Nabavi**, H Baharvand, H Pakdaman, et al. Preprint, **2020**
- The effectiveness of occupational therapy-based sleep interventions on quality of life and fatigue in patients with multiple sclerosis: a pilot randomized clinical trial study. M Akbarfahimi, **SM Nabavi**, B Kor, L Rezaie, E Paschall. *Neuropsychiatric disease and treatment*, **2020**
- Assessment of cryptochrome gene expression in multiple sclerosis patients. S Bayat, SA Sajedi, **S Nabavi**. *EUROPEAN JOURNAL OF NEUROLOGY*, **2020**
- Is there relationship between sexual dysfunction and body image of women with multiple sclerosis? A cross sectional study. B Afshar, L Amini, **SM Nabavi**, M Hasani. *EUROPEAN JOURNAL OF NEUROLOGY*, **2020**
- The Effects of Core Stability Exercises and Transcranial Direct-Current Stimulation of brain on balance, walking capacity and quality of life in women with Multiple Sclerosis. SM Beigi, YM Tabrizi, **SM Nabavi**. *EUROPEAN JOURNAL OF NEUROLOGY*, **2020**
- The relationship between quality of life and sexual dysfunction in women with multiple sclerosis; a cross sectional study. L Amini, B Afshar, M Hasani, **SM Nabavi**, G Ghaedi. *EUROPEAN JOURNAL OF NEUROLOGY*, **2020**

- Improvement of sexual satisfaction in multiple sclerosis; a systematic review. B Afshar, M Hasani, L Amini, **SM Nabavi**. EUROPEAN JOURNAL OF NEUROLOGY, **2020**
- MEsenchymal StEm cells for Multiple Sclerosis (MESEMS) study: Results from a multi-center, randomized, double blind, cross-over phase 2 clinical trial with autologous Mesenchymal Stem Cells (MSC) for the therapy of multiple sclerosis. A Uccelli, A Laroni, L Brundin, M Clanet, O Fernandez, **SM Nabavi**, et al. European journal of neurology, **2020**
- Prevalence, dimensions, and predictor factors of sexual dysfunction in women of Iran Multiple Sclerosis Society: A cross-sectional study. V Ghasemi, M Simbar, G Ozgoli, **SM Nabavi**, H Alavi Majd. Neurological Sciences, **2020**
- Changes in mitochondrial function in patients with neuromyelitis optica; correlations with motor and cognitive disabilities. F Foolad, F Khodagholi, **SM Nabavi**, M Javan. Plos one, **2020**
- Pregnancy and motherhood concerns surrounding women with multiple sclerosis: a qualitative content analysis. F Ghafoori, N Dehghan-Nayeri, Z Khakbazan, M Hedayatnejad, **SM Nabavi**. International journal of community based nursing and midwifery, **2020**
- MEsenchymal StEm cells for Multiple Sclerosis (MESEMS): A randomized, double blind, cross-over phase I/II clinical trial with autologous mesenchymal stem cells for the therapy of multiple sclerosis. A Uccelli, A Laroni, L Brundin, M Clanet, O Fernandez, **SM Nabavi**, et al. Trials, **2019**
- Using ICA-an artificial intelligence (AI)-assisted technology-as a digital biomarker of MS disease progression and treatment efficacy. SM Khaligh-Razavi, M Sadeghi, M Khanbagi, C Kalafatis, **SM Nabavi**. MULTIPLE SCLEROSIS JOURNAL, **2019**
- Effect of endurance training on serum brain-derived neurotrophic factor (BDNF) response in multiple sclerosis. **SM Nabavi**, S Rezaee, S Kahrizi, M Hedayati. MULTIPLE SCLEROSIS JOURNAL, **2019**
- Mesenchymal stem cells for multiple sclerosis (MESEMS): a multi-center, randomized, double blind, cross-over phase 2 clinical trial with autologous mesenchymal stem cells (MSC). A Uccelli, A Laroni, L Brundin, M Clanet, O Fernandez, **SM Nabavi**, et al. MULTIPLE SCLEROSIS JOURNAL, **2019**

- Virtual reality (VR)-based cognitive rehabilitation: cognitive games are complementary to physical training for an optimum rehabilitation strategy in patients with multiple sclerosis (MS). M Sadeghi, M Daemi, SM Khaligh-Razavi, SM Tabasi, M Khanbagi, **SM Nabavi**, et al. MULTIPLE SCLEROSIS JOURNAL, **2019**
- Intravenous transplantation of autologous bone marrow derived mesenchymal stromal cell (BM-MSCs) in patients with multiple sclerosis, a phase I/II, double blinded, randomized cross clinical trial. **SM Nabavi**. Multiple sclerosis journal, **2019**
- The prevalence of sexual dysfunction in Iranian women with multiple sclerosis: a systematic review and meta-analysis. V Ghasemi, M Simbar, G Ozgoli, **SM Nabavi**, HA Majd, BM Souri, et al. Shiraz E-Medical Journal, **2019**
- Multiple Sclerosis. خودکارامدی جنسی و پیشگویی‌کننده‌های آن در زنان مبتلا به قاسمی, سیمبر, ازگلی, گیتی, نبوی, علوی مجد, میرشفایی, مجله دانشکده پزشکی اصفهان ۳۷ (۵۲۶), ۵۰۸-۵۱۶ **2019**
- Sexual self-efficacy and its predictor factors in women with multiple sclerosis. V Ghasemi, M Simbar, G Ozgoli, **SM Nabavi**, H Alavi-Majd, MS Mirshafaei. Journal of Isfahan Medical School, **2019**
- Stem cell therapy in Alzheimer's disease: possible benefits and limiting drawbacks. M Alipour, **SM Nabavi**, L Arab, M Vosough, H Pakdaman, E Ehsani, et al. Molecular biology reports, **2019**
- Integrated cognitive assessment: Speed and accuracy of visual processing as a reliable proxy to cognitive performance. SM Khaligh-Razavi, S Habibi, M Sadeghi, H Marefat, M Khanbagi, **SM Nabavi**, et al. Scientific Reports, **2019**
- cis pT231-Tau Drives Neurodegeneration in Bipolar Disorder. R Naserkhaki, S Zamanzadeh, H Baharvand, **SM Nabavi**, H Pakdaman, et al. ACS Chemical Neuroscience , **2019**
- Frequency of CD56dim CD16+ NK Cells in Multiple Sclerosis and Neuromyelitis Optica Patients. MB Maljaei, L Khani, MH Jazayeri, M Bozorgmehr, **SM Nabavi**. Multiple Sclerosis Journal, **2019**
- Safety, Feasibility of Intravenous and Intrathecal Injection of Autologous Bone Marrow Derived Mesenchymal Stromal Cells in Patients with Amyotrophic Lateral Sclerosis: An Open label phase I clinical trial. **SM Nabavi**, L Arab, N Jarooghi, T Bolurieh, F Abbasi, et al. Cell Joutnal (Yakhteh), **2019**
- A Comparison Study of Efficacy and Safety of a Biosimilar Form of Intramuscular Beta-interferon Ia Versus the Reference Product: A

Randomized Controlled Clinical Trial in Iran. **SM Nabavi**, R Abolfazli, A Etemadrezaei, H Hosseini, N Moradi, et al. Iranian Journal of Pharmaceutical Research: IJPR, **2019**

- Heat shock protein 70 and the risk of multiple sclerosis in the Iranian population. SPC Tarzjani, SAS Fazeli, MH Sanati, **SM Nabavi**. Cell Journal (Yakhteh), **2019**
- The mediating role of ego-strength on the relationship between attachment styles and adjustment to multiple sclerosis. MA Besharat, N Kiaei, **SM Nabavi**, M Gholmali Lavasani, Z Kamali. Journal of psychological science, **2018**
- A brief language-independent and self-administered computerized test for cognitive assessment in multiple sclerosis (MS). SM Khaligh-Razavi, M Sadeghi, M Khanbagi, C Kalafatis, **SM Nabavi**. MULTIPLE SCLEROSIS JOURNAL, **2018**
- Comparative Effectiveness Study in Multiple Sclerosis Patients Using Instrumental Variable Analysis. H Hosseini, MA Mansournia, **SM Nabavi**, AA Akhlaghi, J Gholami, et al. Archives of Iranian Medicine, **2018**
- The protective role of TBX21-1514T> C polymorphism in susceptibility to multiple sclerosis. F Akbarian, M Ataei, Z Salehi, **M Nabavi**, MH Sanati. Iranian Journal of Neurology, **2018**
- بررسی اختلالات قاعدگی و عوامل مرتبط با آن در زنان مبتلا به مولتیپل اسکلروزیس. **2018** زرآبادی پور, امینی, نبوی, حقانی. مجله زنان, مامایی و نازایی ایران
- Comparison of Color Vision in Patients with Multiple Sclerosis. E Mohammadi, M Akbar Fahimi, **SM Nabavi**, E Jafarzadehpur, AA Yekta, et al. Journal of Paramedical Sciences & Rehabilitation, **2018**
- Prevalence of Restless Legs Syndrome and Its Related Factors in Patients with Multiple Sclerosis. N Izadi, M Malek, **M Nabavi**. Journal of Mazandaran University of Medical Sciences, **2018**
- بررسی شیوع سندرم پاهای بی قرار و عوامل مرتبط با آن در بیماران مولتیپل اسکلروزیس. **2018** ایزدی, نازنین, ملک, نبوی, سید مسعود. Journal of Mazandaran University of Medical Sciences (JMUMS), **2018**
- بررسی شیوع سندرم پاهای بی قرار و عوامل مرتبط با آن در بیماران مولتیپل اسکلروزیس. **2018** ایزدی, نازنین, ملک, نبوی. دانشگاه علوم پزشکی مازندران
- Translation, cross-cultural adaptation and validation of the Persian version of COOP/WONCA charts in Persian-speaking Iranians with multiple sclerosis. M Taghipour, M Salavati, **SM Nabavi**, B Akhbari, I Ebrahimi Takamjani, et al. Disability and Rehabilitation, **2018**

- Tau immunotherapy: Hopes and hindrances. K Shahpasand, A Sepehri Shamloo, **SM Nabavi**, K Ping Lu, X Zhen Zhou. Human Vaccines & Immunotherapeutics , **2018**
- The effect of psychoeducation intervention on the quality of life, mental health, and mindfulness in patients with multiple sclerosis. MA Besharat, S Geranmayehpour, **M Nabavi**, F Tavalaeayan. Research in Clinical Psychology and Counseling, **2018**
- Elevated CSF Concentration of Macrophage Inflammatory Protein-1 $\alpha$  and  $\beta$  in Relapse Remitting Multiple Sclerosis Patients. M Ebrahimi, F Alsahebfool, M Sanjadi, S Eshaghi, M Behjati, M Etemadifar, **SM Nabavi**. Iranian Journal of Allergy, Asthma & Immunology, **2018**
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