

Sara Ramezani

Neuroscience Research Center
Guilan Road Trauma Research Center
Poursina Educated & Research & Therapeutic center
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Current professional Appointment

Assistant Professor of Neuroscience, *Sep. 2017-present*
Guilan Road Trauma Research Center, Neuroscience Research Center
Deputy of Neuroscience Research Center
Guilan University of Medical Sciences , Rasht, Iran

Academic Qualifications

PhD in Neuroscience , *Fe. 2012-Feb. 2017*
Tehran University of Medical Sciences, Tehran, Iran
M. Sc. in speech and Language Pathology(Speech therapy), *Oct. 2006_ Aug. 2009*
University of Social Welfare and Rehabilitation Sciences, Tehran, Iran
B. Sc. in speech and Language Pathology (Speech therapy), *Oct. 2001_ Sept. 2005*
University of Social Welfare and Rehabilitation Sciences, Tehran, Iran
Speech & Language Pathology internship, *Sep.2003-Jun.2005*

Teaching and Mentoring Experiences

- **Invited speaker, October 2020**

Guilan University of Medical Sciences, Rash, Iran

Course title: Instrumental diagnostic and therapeutic methods in Psychiatry

- **Instructor 2018 and 2019**

Guilan University of Medical Sciences, Rash, Iran

1. *Behavioral Neuroscience*
2. *Cellular & Molecular Neuroscience*
3. *Cognitive Neuroscience and Rehabilitation*
4. *Assessment and Rehabilitation of Neuropsychological Deficits after Traumatic Brain Injury*
5. *Applied Neuroanatomy in Neuroscience*

- **Thesis supervising , January 2018- present**

Guilan University of Medical Sciences, Rash, Iran

Islamic Azad University, Lahijan, Iran

1. Diagnosis and classification of autism spectrum via functional magnetic resonance imaging biomarkers using deep learning methods, School of computer sciences, Islamic Azad University, Rasht. 2021-present, (Ph.D candidate of robotic & artificial intelligence).

2. Functional connectivity of brain networks analysis in EEG data for predicting cognitive and behavioral disorders in mild traumatic brain injury patients using deep learning approaches. School of computer sciences, Islamic Azad University, Lahijan. 2021-present, (Ph.D candidate of robotic & artificial intelligence).
3. Diagnosis of ADHD based on functional connectivity of brain networks via neural signal analysis using deep learning approaches. School of computer sciences, Islamic Azad University, Lahijan. 2021-present, (Ph.D candidate of robotic & artificial intelligence).
4. The efficacy of executive function coaching in improving planning skills and sustained attention in Adult ADHD in Iran. Institute for cognitive science studies, Tehran. 2020-present (Master of Science student in cognitive science).
5. Prediction of mortality and functional prognosis in hospitalized patients with intracerebral hemorrhage using ICH Score at first 24, 48 and 72 hours after admission. School of medicine, Guilan University of Medical Sciences. Rasht. 2021- present (General physician thesis).
6. Comparing the therapeutic effectiveness of transcranial direct current stimulation using three approaches of anodal over dorsolateral prefrontal cortex, cathodal over occipital cortex and cathodal over primary sensory cortex in patients with chronic migraine. School of medicine, Guilan University of Medical Sciences. Rasht. 2021- present (General physician thesis).
7. The survey of cognitive and motor recovery in stroke patients with and without migraine history. School of medicine, Guilan University of Medical Sciences. Rasht. 2021- present (Neurology residency thesis).
8. Evaluation of cognitive and motor recovery in stroke patients admitted in neurology ward undergoing early rehabilitation. Guilan University of Medical Sciences. Rasht. 2021- present (General physician thesis).
9. Causes and complications due to head trauma in preschool age referred to Poursina hospital, 2015-2020, School of medicine, Guilan University of Medical Sciences. Rasht. 2020-2021, (General physician thesis).
10. The effect of transcranial direct current stimulation accompanied with routine verbal- cognitive rehabilitation on the recovery of neural networks abnormalities and frontal lobe' executive function impairment in stroke patients with persistent verbal-cognitive deficits, 2021-present (General physician thesis).
11. Determination of factors predicting therapeutic response in donepezil–treated TBI patients with persistent executive dysfunctions. School of medicine, Guilan University of Medical Sciences. Rasht. 2019-2020 (General physician thesis).
12. Studying the effect of transcranial direct current stimulation on the sleep quality and post-traumatic insomnia severity in traumatic brain injury patients during sub-acute phase. School of medicine, Guilan University of Medical Sciences. Rasht. 2019-2020 (General physician thesis).
13. Studying the predictive potential of brain metabolites using magnetic resonance spectroscopy for the post-concussion syndrome in mild traumatic brain injury. School of medicine, Guilan University of Medical Sciences. Rasht. 2019-2021 (General physician thesis).
14. The effect of bihemispheric tDCS combined to routine physiotherapy on the motor function of upper limb in ischemic stroke patients with hemiplegia during sub-acute phase. School of

- medicine, Guilan University of Medical Sciences. Rasht. 2019-present (General physician thesis).
15. The survey of post-concussion syndrome risk factors in mild traumatic brain injury patients. School of medicine, Guilan University of Medical Sciences. Rasht. 2018-2020 (General physician thesis).
 16. The survey of risk factors of post-traumatic linguistic deficits in traumatic brain injury patients. School of medicine, Guilan University of Medical Sciences. Rasht. 2018-2019 (General physician thesis).
 17. A comparison between therapeutic effect of granulocyte colony-stimulating factor and methylprednisolone in treatment of patients with acute traumatic spinal cord injury admitted to Poursina hospital in Rasht. School of medicine, Guilan University of Medical Sciences. Rasht. 2012-2016 (Neurosurgery residency thesis).

Professional Experiences

- **Deputy of Neuroscience Research Center, Oct 2020- present**
Guilan University of Medical Sciences, Rasht, Iran
Main focus: Improving educational and research quality of center by setting up the neuroscience laboratory
- **Assistant professor, Sep. 2017-present**
Guilan University of Medical Sciences, Rasht, Iran
Main focus: pathophysiology and therapeutic strategies of brain traumas and brain tumors
- **PhD student, Fe. 2012-Feb. 2017(5 years)**
Tehran University of Medical Sciences, Tehran, Iran
Main focus: The Effect of Co-treatment with Rolipram and Bevacizumab (Avastin) on the Viability, Apoptosis and the Protein Kinase B Activation of Glioblastoma Stem-like Cells in Human Glioblastoma Primary Culture.
- **Research Assistant Dec. 2009-Jan. 2012 (2 year and 1 month)**
Guilan Road Trauma Research Center (GTRC), Guilan University of Medical Sciences, Rasht, Iran
Main focus: effective factors on cognitive-linguistic deficits and post-traumatic neuropsychiatric disorder
- **Private Practice, Speech & Language Pathologist, May– Nov. 2009**
Speech & Language Pathology Clinic, Tehran, Iran
Main focus: diagnosis and therapy for patients with speech and language disorders
- **Graduate student and research assistant Sep. 2006-Sep. 2009 (3 years)**
University of Social Welfare and Rehabilitation Sciences, Tehran, Iran
Main focus: The role of post- traumatic aphasia in health-related quality of life during the first year after traumatic brain injury.

Professional Memberships

- Iran Medical Council, I.R. IRAN M.C.No: 1137
- Iranian Neuroscience Society, No: 13911020
- The Japan Neuroscience Society, No: 2102156097
- Advisory Board of Caspian Journal of Neurological Science, 2013-present
- Advisory Board of Iranian Journal of Neurosurgery, 2016-present
- Editorial board of Journal of Current Biomedical Reports, 2020-present

- Member of Research council in Guilan Neuroscience Research Center, *2017-present*
- Member of Research council in Guilan Road Trauma Research Center, *2017-present*

Honors & Awards

1. Young assistant professor award, Deputy of Research and Technology, Guilan University of Medical Sciences, Iran ministry of Health & Medical Education, for top ranked original article; 15000000 Rials/IRR (USD 5,000), *2018*
2. Travel award of Japan Neuroscience Society for The 44th Annual meeting of the Japan Neuroscience Society, *July 21-28, 2021, Kobe Convention Center*, 150000 Japanese Yen.
3. First ranked PhD graduate, Neuroscience department, School of Advanced Technologies in Medicine, Tehran University of Medical Sciences, Tehran, Iran, *Feb 2017*.
4. Member of the Exceptional Talent Development Center (ETDC) Tehran University of Medical Sciences, Tehran, Iran, *Feb.2017*.
5. Best oral presentation award
First Iranian congress of Neuropsychology, Tehran, Iran. *Feb 2011*.

Trainings & Certifications

- Selection of proper journal for paper publication, Guilan University of Medical Sciences, Rasht, Iran, *2019*
- How do we read a systematic review article, Guilan University of Medical Sciences, Rasht, Iran, *2019*
- Familiarity with novel sources of clinical data, Guilan University of Medical Sciences, Rasht, Iran, *2019*
- Brain mapping skills training seminar, National Brain Mapping Lab, Tehran, Iran, *2018*
- Ethic in clinical trial, Guilan University of Medical Sciences, Rasht, Iran, *2018*
- Brain Mapping Three Day Skills Training Seminar, National Brain Mapping Lab, Tehran, Iran, *2017*
- Diffuse Tensor Imaging, Tehran University of Medical Sciences, Tehran, Iran, *2016*
- Functional and Structural Magnetic Resonance Imaging, 3th Iranian on Human Brain Mapping, Tehran, Iran, *2016*
- Electroencephalography (EEG) and Magnetoencephalography (MEG), 3th Iranian on Human Brain Mapping, Tehran, Iran, *2016*
- Brain Structural Analysis by SPM & Freesurfer, Tehran University of Medical Sciences, Tehran, Iran, *2015*
- fMRI Imaging & Data Analysis by FSL, Tehran University of Medical Sciences, Tehran, Iran, *2015*
- QEEG/ ERP output analysis, Tehran University of Medical Sciences, Tehran, Iran, *2014*

Skills

- **Cell culture techniques:** Practical experience in maintaining and culturing adherent and suspension cells

- **Molecular Biology:** PCR, Preparation of genomic DNA, preparation of RNA from cultured cells, animal and patient samples, qRT-PCR analysis, protein expression and western blotting and immunohistochemistry.
- **Animal handling:** Practical experience in handling Rats and Mice, intraperitoneal and subcutaneous, injection, oral drug administration, tumor injection in mammary fat pad to induce tumors in mice, tumor isolation from mice and rats, blocks preparation and tissue sectioning using microtome.
- **Microscopy:** Expertise in confocal microscopy to observe co-localization of proteins, fluorescence and phase contrast microscopy.
- **Analysis of neuroimaging data** (VBM :voxel-based morphometry, fMRI and DTI data using FSL, FreeSurfer, SPM)
- **QEEG data record and analysis using NeuroGuide**
- **Non-invasive transcranial electrical stimulation**
- **Project planning and development**
- **Clinical and experimental study design**
- **Scientific writing** (proposals, original research articles, review articles & grant)
- **Glioma heterotopic xenograft modeling**
- **Use of lab softwares** (Image J, Total lab)
- **Microsoft Office programs** (Word, Excel, Power point)
- **Biostatistics:** SPSS, R, SAS & GraphPad
- **Reference manager software** (Endnote, Zotero)

Research/Grant Support

1. **Principal investigator; Iran Cognitive science and technology Council grant, 2020,** The effect of concurrent cognitive neurorehabilitation and transcranial direct current stimulation on the recovery of abnormal neural networks and executive dysfunction in traumatic brain injury patients with persistent cognitive impairments; **1800000000 Rial/IRR (USD 42,857)** (Grant No: 8258)
2. **Principal investigator, Neuroscience Research Center, Guilan University of Medical Sciences, Rasht, Iran, 2019.** Studying the predictive potential of brain metabolites using magnetic resonance spectroscopy for the post-concussion syndrome in mild traumatic brain injury; **240000000 Rials/IRR (USD 8,000)** (Grant No: 971208/61)
3. **Principal investigator, Neuroscience Research Center, Guilan University of Medical Sciences, Rasht, Iran, 2019.** The effect of bi-hemispheric transcranial direct current stimulation combined to routine physiotherapy on motor function of upper limb in ischemic stroke patients having hemiplegia; **60000000 Rials/IRR (USD 2,000)**(Grant No: 98042925)
4. **Principal investigator; deputy of Research and Technology, Guilan University of Medical Sciences, 2019,** The survey of executive function recovery and related factors in traumatic brain injury patients undergone cognitive rehabilitation; **150000000 Rials/IRR (USD 5,000)** (Grant No: 98062312)

5. Colleague of project; deputy of Research and Technology, Guilan University of Medical Sciences, Rasht, Iran, 2019. The survey of factors associated with the levels of health-related quality of life in traumatic brain injury patients referred to Poursina therapeutic and educational Centre **42750000 Rial/IRR (USD 1,427)** (Grant No: 94041216).

6. Principal investigator; Neuroscience Research Center, Guilan University of Medical Sciences, Rasht, Iran, 2018. The effect of rolipram on the rate of tumor growth, apoptosis, angiogenesis, and Ki67 index and the survival rate of BALB/c mice bearing glioblastoma C6 rat heterotopic xenograft; **240000000 Rials/IRR (USD 8,000)**(Grant No: 96100202).

7. Colleague of project; Iran National Science Foundation, Tehran, Iran, 2014, The effect of combining bevacizumab with Rolipram or perifosine on the tumor growth rate and survival time in a rat C6 glioblastoma heterotopic xenograft model; **250000000 Rials/IRR (USD 8,500)** (Grant No: 92035151).

Publications

Google scholar: <https://scholar.google.com/citations?user=mx3m7voAAAJ&hl=en&oi=ao>
 Scopus: <https://www.scopus.com/results/results.uri?sort=plf-f&src=s&st1=kapourchali&st2=s&nlo=1&nlr=20&nls=count-f&sid=61064d6c9c00c45d22341117436a831f&sot=anl&sdt=aut&sl=35&s=AU-ID%28%22Ramezani%2c+Sara%22+57078435500%29&txGid=645377bec46daba83604cdcf281f2f64>

Journal Papers

1. Naser Amini, Babak Bakhshayesh Eghbali, **Sara Ramezani***, Vahid Hosseinpour Sarmadi, Peiman Brouki Milan, Seyedeh Sara Ashraf, Ghazaleh Larijani, Soheila Naderi Gharahgheshlagh, Bahareh Derakhshanmehr, Seyedeh Lena Mohebbi, Mohammad Taghi Joghataei. **Animal Kernicterus Models: Progress and Challenges.** *Brain Research* 2021; 1770:147624.
2. Shahrokh Yousefzadeh, Fatemeh Ramezani Kapourchali, **Sara Ramezani***. **Determinants of Long-Term Health-Related Quality of Life in Adult Patients with Mild Traumatic Brain Injury.** *European Journal of Trauma and Emergency Surgery* 2021; 47(3): 839-846. <https://doi.org/10.1007/s00068-019-01252-9>.
3. Sedigheh Eslamparast, Zoheir Rehianian, **Sara Ramezani***. Hemorrhages Seen on Brain Images After Mild Traumatic Brain Injury May Increase the Risk of Post-concussion Syndrome. *Iranian Journal of Neurosurgery* 2020; 6(2): 73-82.
4. **Sara Ramezani**, Nasim Vosoughi, Shahrokh Yousefzadeh, Zoheir Reihanian. **Rolipram optimizes therapeutic effect of bevacizumab by enhancing proapoptotic, antiproliferative signals in a glioblastoma heterotopic model.** *Life Sciences* 2019; 239: <https://doi.org/10.1016/j.lfs.2019.116880>.
5. **Sara Ramezani**, Nasim Vosoughi, Mohammad Taghi Joghataei, Shahrokh Yousefzadeh-Chabok. **The Role of Kinase Signaling in Resistance to Bevacizumab Therapy for**

- Glioblastoma Multiforme.** *Cancer Biotherapy & Radiopharmaceuticals* 2019; 34(6): 345-354.
6. Fatemeh Ramezani Kapourchali , Ali Malekshahi Moghadam, Anoush Dehnadi Moghadam , Shahrokh Yousefzadeh-Chabok , Fatemeh Toorang , Mohammad Hassan Javanbakht, **Sara Ramezani*. The Role of Dietitian in Improving Energy and Protein Intake in TBI Patients Admitted to the Neurosurgical ICU.** *Iranian journal of neurosurgery* 2019; 5(4): 109-116.
 7. **Sara Ramezani**, Zoheir Reihanian, Mozafar Hosseininezhad, Shahrokh Yousefzadeh. **Neuropsychological and Neuropsychiatric Deficits Following Traumatic Brain Injury: Common Patterns and Neuropathological Mechanisms.** *Iranian journal of neurosurgery* 2018; 4(4):185-198.
 8. **Sara Ramezani**, Naser Amini, Hosein Safakheil, Peiman Brouki Milan, Arash Sarveazad. **A Novel Intervention Technology for Cerebral Palsy; Brain Stimulation.** *Iranian Journal of Clinical Neurology* 2019 ; 13(2): 17-28.
 9. **Sara Ramezani**, Zahra Mohtasham-Amiri, Leila Kouchakinejad-Eramsadati, Hadiseh Shokatjalil, Shahrokh Yousefzadeh-Chabok. **Epidemiology of traumatic spinal fractures and spinal cord injury in Guilan, north of Iran.** *Caspian Journal of Health Research* 2019; 4(1): 12-15.
 10. Mahdiyeh Sarraf-Razavi, Mahdiyeh Rahmanian, Maryam Zamani, Parivash Purabassi, **Sara Ramezan**, Hadis Ghaffari Khaligh. **Evaluation of self-esteem in children with attention-deficit/hyperactivity disorder based on event-related potential.** *Researcher Bulletin of Medical Sciences* 2019; 4(1).e4-e4.
 11. **Sara Ramezani**, Shahrokh Yousefzadeh-Chabok. **Identification of Imaging and Clinical Markers Predicting Chronic Sleep Disturbances after Traumatic Brain Injury in Adults.** *Iranian journal of Neurosurgery* 2018; 4(3): 125-138.
 12. Naser Amini, Nasim Vouseoghi, Akram Alizade, **Sara Ramezani**, Mohammad Taghi Joghataei, Peiman Brouki Milan, Soraya Mehrabi, Farshid Sefat, Shima Ababzade, Masoud Mozafari. **Transplantation of adipose tissue-derived stem cells into brain through cerebrospinal fluid in rat models: Protocol development and initial outcome data.** *Current stem cell research and therapy* 2018; 13. doi: 10.2174/1574888X13666180720112322.
 13. **Sara Ramezani**, Nasim Vouseoghi, Fatemeh Ramezani Kapourchali, Mohammad Taghi Joghataei. **Perifosine enhances bevacizumab-induced apoptosis and therapeutic efficacy by targeting PI3K/AKT pathway in a glioblastoma heterotopic model.** *Apoptosis Journal* 2017; 22: 1025-1034.
 14. **Sara Ramezani**, Nasim Vouseoghi, Fatemeh Ramezani Kapourchali, Mahmoudreza Hadjighassem, Parisa Hayat, Naser Amini, Mohammad Taghi Joghataei. **Rolipram potentiates bevacizumab-induced cell death in human glioblastoma stem-like cells.** *Life Sciences* 2017; 173: 11-19.
 15. **Sara Ramezani**, Mahmoud Reza Hajighassem, Nasim Vouseoghi, Mansour Parvaresh, Farshid Arbabi, Naser Amini, Mohammad Taghi Joghataie. **The Role of AKT Signaling Pathway in Anti-cancer Effect of Rolipram on Glioblastoma Multiforme; an In-vitro Study.** *Basic and Clinical Neuroscience* 2017; 8(4):325-336.
 16. Naser amini, Nasim Vouseoghi, Mansoureh Soleimani, Ali Samadikuchaksaraei, Mehdi Akbari, Hosein Safakheil, Pezhman Atafimanesh, Ali Shahbazi, Peiman Brouki Milan,

Sara Ramezani, Masoud Mozafari, Mohammad Taghi Joghataei. **A New Rat Model of Neonatal Bilirubin Encephalopathy (Kernicterus)**. *Pharmacological and Toxicological Methods* 2017; 84: 44-50.

17. Ali Rashti, Hossein Yahyaei, Saman Firoozi, **Sara Ramezani**, Ali Rahiminejad, Roya Karimi, Khadijeh Farzaneh, Mohsen Mohseni, Hossein Ghanbari. **Development of novel biocompatible hybrid nanocomposites based on polyurethane-silica prepared by sol gel process**. *Materials Science & Engineering C* 2016; 69: 1248-1255.
doi:10.1016/j.msec.2016.08.037.
18. Naser Amini, Nasim Vouseoghi, Mahmoud Reza Hajighasem, Mehrdad bakhtiyari, Neda Mousavi, Hosein Safakheyl, Leila Jafari, Arash Sarveazad, Abazar Yari, **Sara Ramezani**, Faezeh Faghihi, Mohammad Taghi Joghataei. **Evaluation of the therapeutic efficiency of human adipose tissue-derived stem cells (hADSC) on new model of neonatal bilirubin encephalopathy (kernicterus) in rats**. *Neurotoxicity Research journal* 2016; 29(4): 514-524.
doi 10.1007/s12640-016-9599-3.
19. **Sara Ramezani**, Reihanian Zoheir, Joghataei Mohammad-Taghi, Yousefzadeh Shahrokh. **Cell Therapy for Traumatic Brain Injury: Opportunities and Pitfalls**. *Caspian J Neurol Sci* 2015, 1(2); 37-51.
20. Shahrokh Yousefzadeh Chabok, **Sara Ramezani***, Zoheir Reihanian. **Pharmacotherapy to improve Acquired Aphasia following Brain damages**. *Iranian Journal of Neurosurgery* 2015; 1(2): 10-16.
21. Shahrokh Yousefzadeh Chabok, **Sara Ramezani***, Zoheir Reihanian, Mohammad Safaei, Babak Alijani, Naser Amini. **The Role of Early Post-traumatic Neuropsychological Outcomes in the Appearance of Latter Psychiatric Disorders in Adults with Brain Trauma**. *Asian Journal of Neurosurgery* 2015; 10(3): 173-180.
22. Hssan Reza Mohammadi, Zoheir Reihanian, **Sara Ramezani***, Shiva Azizi. **Comparison of Suturectomy and Cranioplasty Outcomes for Nonsyndromic Craniosynostosis: A Retrospective Study**. *Journal of Neurosurgery Quarterly* 2014.
Doi:10.1097/WNQ.0000000000000187
23. Shahrokh Yousefzade-Chabok, **Sara Ramezani***, Zoheir Reihanian, Ehsan Kazemnezhad Leili, Anoush Dehnadi Moghadam, Zahra Mohtasham Amiri. **Predictors of Chronic Physical and Mental Quality of Life Following Traumatic Brain Injury**. *Health* 2014, 6:496-503.
24. Shahrokh Yousefzade-Chabok, **Sara Ramezani***, Alia Saberi, Zahra Mohtasham Amiri. **Operative and nonoperative linguistic outcomes in brain injury patients**. *Journal of the Neurological Sciences* 2012, 317: 130-136. IF:2.37
25. Shahrokh Yousefzade-Chabok, **Sara Ramezani***, Alia Saberi, Zahra Mohtasham Amiri. **Effective factors on linguistic disorder during acute phase following traumatic brain injury in adults**. *Neuropsychologia* 2012, 50: 1444-1450.
26. Shahrokh Yousefzadeh Chabok, **Sara Ramezani**, Leila Kouchakinejad, Zahra Saneei. **Epidemiology of Pediatric Head Trauma in Guilan**. *Archive of Trauma Research* 2011; 1: 19-22.
27. **Sara Ramezani**, Reza Nilipour, Fariba Yadegari, Mehdi Rahgozar. **The effect of phonological encoding complexity on speech fluency of stuttering and non-stuttering children**. *Journal of Rehabilitation* 2012; 12(4): 42-47.

Book

- **Co-author; Cellular and Molecular Imaging with Cell Therapy Approach.** First Edition, Tehran: Noor Danesh publisher. 2014. National registration No:3628860 (*In Persian*)

Conferences

Oral Presentations

1. Brain awareness annual Conference, Guilan, Iran, Feb. 2019

Behavioral deficits Following Traumatic Brain Injury.

2. 6th International Congress of Basic & Clinical Neuroscience, Tehran, Iran, Dec. 2017

Perifosine enhances bevacizumab-induced apoptosis and therapeutic efficacy by targeting PI3K/AKT pathway in a glioblastoma heterotopic model.

3. Educational conference of Traumatic Brain Injury, Rasht, Guilan, Iran, Aug. 2017

Brain Mapping & Brain Stimulation in Traumatic Brain Injury.

4. Educational conference of Novel technologies and approaches in the diagnosis and treatment of brain tumors, Rasht, Guilan, Iran Dec. 2017

Non-invasive functional brain mapping for pre-surgical planning in the Brain Tumors.

5. 5th International Congress of Basic & Clinical Neuroscience, Tehran, Iran, Nov. 2016

Evaluation of the anti-tumor effects of bevacizumab and rolipram on glioblastoma multiforme: single agent versus combination therapy.

6. 2th International Congress of Basic & Clinical Neuroscience, Tehran, Iran, Nov. 2013

Early Posttraumatic Neuropsychological outcomes as Predictors of Subsequent Posttraumatic Neuropsychiatric Disorder.

7. First Iranian Neuropsychology congress, Tehran, Iran, Feb. 2011

The factors related to linguistic processing deficits after Traumatic brain injury in Adults.

Poster presentations

- ***44th Annual meeting of the Japan Neuroscience Society, Kobe Convention Center, Japan***
Rolipram optimizes therapeutic effect of bevacizumab by enhancing proapoptotic, antiproliferative signals in a glioblastoma heterotopic model. *July 2021.*
- ***4th International Conference of Cognitive Science, Tehran, Iran***
Linguistic and Cognitive deficits following Traumatic Brain Injury, *May 2011.*
- ***4th International Conference of Cognitive Science, Tehran, Iran***
Post-operative Verbal Language Function following Temporal Surgical Resection in Adult Patients with Focal Epilepsy: A systematic Review, *May 2011.*

Peer-review

Journal of Neuroimmunology

Saudi Pharmaceutical Journal

Journal of Pharmaceutical Research International

The International Journal of Neuroscience

The 4th International Neuroinflammation Congress