

Curriculum Vitae

Professor Alireza Zali

PERSONAL INFORMATION

- ❖ **Birth date:** 25 March 1964
- ❖ **Gender:** Male
- ❖ **Nationality:** Iranian
- ❖ **Phone:** +9821-2272-4214
- ❖ **Email:** dr_alirezazali@yahoo.com
- ❖ **ORCID:** <https://orcid.org/0000-0002-2298-2290>
- ❖ **Scopus Author ID:** [23011000500](https://orcid.org/0000-0002-2298-2290)
- ❖ **LinkedIn:** [Alireza Zali | LinkedIn](#)
- ❖ **H-Index:** 23

EDUCATION:

✓ Shahid Beheshti University of Medical Sciences (SBMU), Tehran, Iran (2005)
(2nd rank of Medical School in Iran)

- *Fellowship of Stereotaxic*

✓ Shahid Beheshti University of Medical Sciences (SBMU), Tehran, Iran (1989-1994)
(2nd rank of Medical School in Iran)

- *Neurosurgery Specialty and Board Certified*
- **Thesis Title:** Microvascular decompression in patients with trigeminal neuralgia and hemifacial spasm
(Thesis mark = 20 out of 20)
- **Supervisor:** Professor Seyed Mahmoud Tabatabaei Far
The 3rd place at Examination of promotion from 1 to 2 (1990).
The 1st place at Examination of promotion from 2 to 3 (1991).
The 1st place at Examination of promotion from 3 to 4 (1992).
The 1st place at Examination of promotion from 4 to 5 (1993).
The 1st place and the highest grade at **National** Board certificate examination (1994).

✓ Shahid Beheshti University of Medical Sciences (SBMU), Tehran, Iran (1982-1988)
(2nd rank of Medical School in Iran)

- *Medical Doctor*, Doctorate certificate in Medicine
- **Thesis Title:** Chronic Pain
(GPA: 17.64, Thesis mark = 19 out of 20)

- **Supervisor:** Dr. Farzin Borzouyeh

AWARDS AND HONORS:

1. Being listed among the top 2% of scientists worldwide in 2022 by Stanford University based on six indicators of the Scopus database (2022)
2. Ranked 3rd among more than 500,000 participants in Iranian universities entrance exam in natural sciences field). Iranian universities entrance exam known as Concours are held every year to seek qualified student for government funded higher education) (1982)
3. Ranked 1st in the country in the Neurosurgery promotion and board exam (1994)
4. Top Faculty Member with highest achieved score of promotion in Shahid Beheshti University of Medical Sciences (2012)
5. Top Organization in the Management of the Fight against Coronavirus Disease at 22nd Shahid Rajaei Festival of Tehran Province (September 2020)
6. Excellent Badge and Statue of Top Chosen Persons in Medical Society of the Iran Medical Council (March 15, 2021). This award is the highest award of the Iranian Medical System Organization.
7. Excellent Award and Ambassador Badge of Social Responsibility (1st Festival of Public Relations and Social Responsibility- October 18, 2021)
8. Sultanate of Oman Excellent Award for Health Services During Crisis at International Hospital Federation Awards (IHF), Barcelona, Spain (2021)

WORK EXPERIENCE:

- INDUSTRY EXPERIENCE:

❖ **Jan 2020- Present**

❖ **Position: Head of Coronavirus Combat Task Force at the Tehran Province**

❖ **Employer:** Ministry of Health and Medical Education, Tehran, Iran

❖ **2019- Present**

❖ **Position: Chancellor of Shahid Beheshti University of Medical Sciences (SBMU)**

❖ **Employer:** Iranian Health Minister, Tehran, Iran

❖ **2018- Present**

- ❖ **Position: Secretary of the National Neurosurgery Board**
- ❖ **Employer:** Ministry of Health and Medical Education, Tehran, Iran

- ❖ **2017 and 2018**
- ❖ **Position: Chairman of the Specialized Committee of Clinical Sciences of Razi Medical Sciences Research Festival**
- ❖ **Employer:** Ministry of Health and Medical Education, Tehran, Iran

- ❖ **2013- 2017**
- ❖ **Position: President of Iran Medical Council**
- ❖ **Employer:** President of Iran and Ministry of Health and Medical Education, Tehran, Iran

- ❖ **2009- Present**
- ❖ **Position: Vice President of the National Medical Law Association**

- ❖ **2009- Present**
- ❖ **Position: Advisor to the Health and Medicare Committee of the Iranian Parliament**
- ❖ **Employer:** Health and Medicare Committee of Iranian Parliament, Tehran, Iran

- ❖ **2008- 2011**
- ❖ **Position: Deputy Head of the Iran Medical Council**
- ❖ **Employer:** Iran Medical Council, Tehran, Iran

- ❖ **2005- 2012**
- ❖ **Position: Chairman of the Commission for Tariff and Economics of Treatment of the Iran Medical Council**
- ❖ **Employer:** Iran Medical Council, Tehran, Iran

- ❖ **2005- 2008**
- ❖ **Position: Chancellor of Shahid Beheshti University of Medical Sciences (SBMU)**
- ❖ **Employer:** Iranian Health Minister, Tehran, Iran

- ❖ **2003- 2007**
- ❖ **Position: Secretary of the Neurosurgery Commission of the Forensic Medicine Organization**
- ❖ **Employer:** Iranian legal medicine organization, Tehran, Iran

- ❖ **2003- 2004**
- ❖ **Position: Advisor to the Chief Forensic Medicine of Iran**
- ❖ **Employer:** Iranian legal Medicine organization, Tehran, Iran

- ❖ **1997- 1998**
- ❖ **Position: Advisor to the President of the Iran Medical Council**
- ❖ **Employer: Iran Medical Council, Tehran, Iran**

- ❖ **1996-Present**
- ❖ **Position: Neurosurgeon /Member of Directors Board**
- ❖ **Employer: Iranmehr Hospital, Tehran, Iran**

- ❖ **1994- Present**
- ❖ **Position: Private Neurosurgery Office**
- ❖ **Employer: by my own, Tehran, Iran**

- ❖ **1993- 1994**
- ❖ **Position: Vice Chancellor for Culture**
- ❖ **Employer: Shahid Beheshti University of Medical Sciences, Tehran, Iran**

- ❖ **1992- 1993**
- ❖ **Position: Advisor to the Chancellor**
- ❖ **Employer: Shahid Beheshti University of Medical Sciences, Tehran, Iran**

- ACADEMIC EXPERIENCE:

- ❖ **2016- Present**
- ❖ **Position: Founder and President of Shohada Tajrish Comprehensive Neurosurgical Center of Excellence (STNCE)**
- ❖ **Employer: Ministry of Health and Medical Education, Tehran, Iran**

- ❖ **2008- Present**
- ❖ **Position: Founder and President of Functional Neurosurgery Research Center (FNRC)**
- ❖ **Employer: Shahid Beheshti University of Medical Sciences, Tehran, Iran**

- ❖ **2006- Present**
- ❖ **Position: Chief of Iranian Medical Proteomics Association**
- ❖ **Employer: Ministry of Health and Medical Education, Tehran, Iran**

- ❖ **2005- Present**
- ❖ **Position: Professor of the Department of Neurosurgery**
- ❖ **Employer: Shahid Beheshti University of Medical Sciences, Tehran, Iran**

- ❖ **2001- 2005**
- ❖ **Position: Assosiated Professor of the Department of Neurosurgery**
- ❖ **Employer: Shahid Beheshti University of Medical Sciences, Tehran, Iran**

- ❖ **2000-Present**
- ❖ **Position: Head of Neurosurgery Ward**
- ❖ **Employer: Shohada Tajrish Hospital, Tehran, Iran**

- ❖ **1994- 2001**
- ❖ **Position: Assistant Professor of the Department of Neurosurgery**
- ❖ **Employer: Shahid Beheshti University of Medical Sciences, Tehran, Iran**

- ❖ **1994-2001**
- ❖ **Position: Head of Neurosurgery Ward**
- ❖ **Employer: Mofid Children's Hospital, Tehran, Iran**

PATENTS:

1. **Anti-coronavirus intranasal mask, [WO2022070217A2](#)**. Issued Apr 7, 2022
2. **Dually-oriented highly porous nanofibrous nerve guide conduits, [WO2021250440A1](#)**. Issued Dec 16, 2021
3. **Clamped Oropharyngeal Airway, IR103704**. Issued Feb 11, 2021
4. **Intranasal mask for COVID-19, IR103293**. Issued Dec 27, 2020
5. **Guide of Spinal Screw, IR93230**. Issued Aug 16, 2017
6. **Disposable cold light retractor to detect adequate vision of out-of-reach points in surgery, IR84607**. Issued Dec 24, 2014
7. **Diaphragmatic Collimator of Stereotactic Radiosurgery (DCSR), IR45822**. Issued Jan 29, 2008

PUBLICATIONS

- BOOKS:

1. **Zali Alireza**, Ghomian, Zohreh, Karampourian, Arezou, Dehghani, Arezou, Pirani, Davoud, Eskandari, Zahra. Health in mass gatherings: key issue. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2023.
2. **Zali Alireza**, Pakravan Ehsan, Rahmati Roodsari Sara, Somayeh Niknazar, Safari Saeid, Akbari Setareh. Drugs, Treatment and Introduction of COVID-19 Vaccines. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2023. ISBN: 978-622-5946-54-5
3. **Zali Alireza**, Pakravan Ehsan, Rahmati Roodsari Sara, Safari Saeid, Akbari Setareh. Home Care, Vitamins, Smoking, Pets, Rules for Reopening Schools and Universities During the Coronavirus Epidemic. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2023. ISBN: 978-622-5946-50-7.
4. **Zali Alireza**, Pakravan Ehsan, Rahmati Roodsari Sara, Safari Saeid, Akbari Setareh, Niknazar Somayeh. Researches Conducted on COVID-19 Vaccines and Researches on the

Effects of Corona Vaccines on Children, Teenagers and Pregnant Women. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2023. ISBN: 978-622-5946-52-1.

5. **Zali Alireza**, Pakravan Ehsan, Rahmati Roodsari Sara, Safari Saeid, Akbari Setareh, Niknazar Somayeh. COVID-19 in Men, Women, Children and During Pregnancy. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2023. ISBN: 978-622-5946-51-4.

6. **Zali Alireza**, Pakravan Ehsan, Safari Saeid, Rahmati Roodsari Sara, Akbari Setareh. Genetics and the Effect of Covid-19 on Different Organs (Smell and Taste, Skin, Overweight and Obesity, Eyes, Blood and Vessels). Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2022. ISBN: 978-622-5946-33-0.

7. **Zali Alireza**, Pakravan Ehsan, Safari Saeid, Rahmati Roodsari Sara, Akbari Setareh. Complications of covid-19, Its Effect on Nerves, Brain, Heart and Underlying Diseases. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2022. ISBN: 978-622-5946-32-3.

8. **Zali Alireza**, Pakravan Ehsan, Safari Saeid, Akbari Setareh, Rahmati Roodsari Sara. Introduction to Coronavirus, Origin, Mutations, Variants and Evolution. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2022. ISBN: 978-622-94571-6-0.

9. **Zali Alireza**, Pakravan Ehsan, Safari Saeid, Akbari Setareh, Rahmati Roodsari Sara. Transmission Modes of Coronavirus, Prevention Methods and Using Mask .Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2022. ISBN: 978-622-5946-03-3.

10. **Zali Alireza**, Pakravan Ehsan, Safari Saeid, Akbari Setareh, Rahmati Roodsari Sara. Recognition and Understanding Covid-19, Symptoms and Long Covid. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2022. ISBN: 978-622-5946-02-6.

11. **Zali Alireza**, Pakravan Ehsan, Safari Saeid, Akbari Setareh, Rahmati Roodsari Sara. Covid-19 and Immune System .Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2022. ISBN: 9786225946040.

12. **Zali Alireza**, Afshar, Leila, Anjo, Seyed Ali, Bazmi, Shabnam, Fadavi, Mohsen, Kiani, Mehrzad. Resolving ethical dilemmas: a guide for clinicians, Sixth edition. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2022. ISBN: 978-622-5946-26-2.

13. **Zali Alireza**, Farahbakhsh Mohammad, Emami Hasan, Piri Hassan. Strategic Development Program of Shahid Beheshti University of Medical Sciences. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2022.

14. Seddighi Afsoun, Seddighi Amir Saied, **Zali Alireza**, Ghadirian Mahsa, Ommi Davood, Hosseini Morteza. Role of Endovision System in Neurosurgery. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2022. ISBN: 978-622-7595-63-5.
15. **Zali Alireza**, Afsoun Seddighi, Amir Nikouei, Amir Saied Seddighi, Davood Ommi, Yasaman Arjmand. Spinal Column and Spinal Cord Emergencies. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2022. ISBN: 978-622-7695-56-7.
16. Saeed Oraee Yazdani, Javad Bastar, Abdolreza Pazoki, Saeed Hosseini, Shirin Hosseini, **Alireza Zali**. Enhanced Recovery After Surgery (ERAS). Anateb Publications, 2021. ISBN: 978-622-7877-07-6.
17. Seddighi Amir Saied, Seddighi Afsoun, **Zali Alireza**, Ghadirian Mahsa, Ommi Davood. Surgical and Nonsurgical Treatments for Clival Chordoma. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2021. ISBN: 978-622-7595-67-3.
18. **Zali Alireza**, Afsoun Seddighi, Seddighi Amir Saied, Ommi Davood, Jamshidi Shiva, Rahimi Baqdashti Hesam. The Effects of Aviation on the Central Nervous System. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2021. ISBN: 978-622-7595-50-5.
19. Akbari Setareh, **Zali Alireza**, Oraee Yazdani Saeed, Shahmohammadi Mohammadreza, Moafi Fahimeh, Jalili Khoshnoud Reza, Safari Saeid, Rahimzadegan Milad. Spinal Tumors: A Treatment Guide for Patients and Family. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2021. ISBN: 978-622-7595-48-2.
20. **Zali Alireza**, Ayad Bahadori, Afshin Zarghi, Ali Maher, Babak Sharif kashani. Post-Corona Empiricism. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2021. ISBN: 978-622-7595-60-4.
21. Akbari Setareh, **Zali Alireza**, Ahmadpour Shahriar, Moafi Fahimeh, Jalili Khoshnoud Reza, Rahimzadegan Milad. The Subthalamic Nucleus Part1: Development, Cytology, Topography and Connections. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2020. ISBN: 978-622-6121-95-8.
22. **Zali Alireza**, Ghenaat Hosein. Evaluation of Covid-19 crisis in Iran & rest of the word. Teymourzadeh Publishing, 2020. ISBN: 978-600-238-895-7.
23. **Zali Alireza**, Tarjoman Termeh, Akhlaghdoust Meisam, Mousavi Fatemeh, Sharifi Negin, Aminifard Parsa, Pirestani Nima, Baghani Matin. The Time Management Guide: A Practical Handbook for Physicians by Physicians. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2020. ISBN: 978-622-7595-24-6.

24. **Zali Alireza**, Akhlaghdoust Meisam, Fahim Farshid, Erfanian Asl Shadi, Baghani Matin, Fathalizade Farzan, Tajabadi Sadaf. Advanced Trauma Life Support. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2020. ISBN: 978-622-6121-75-0.
25. Seddighi Afsoun, Nikouei Amir, Seddighi Amir Saied, Arjmand Yasaman, **Zali Alireza**. Emergencies of Neurosurgery and Neuroradiology: Brain .Shahid Beheshti University of Medical sciences & Health Services Publishing, 2020. ISBN: -978-622 612171-2.
26. **Zali Alireza**, Joghtaei Mohamad Taghi, Majidpoor Jamal. Spine and Orthopedic Surgical Approaches from an Anatomical Perspective, 2nd.ed, [2015]. Jame-e-Negar Publishing, 2020. ISBN: 978-600-1018-97-8.
27. Ashrafi Farzad, Ahmadi Mehran Arab, Behnam Behdad, Vahidi Mohammad, Shahbazzadeh Amir, **Zali Alireza**, Semnani Farbod, Mousavi Hura Sadat. Neurological Diseases in Simple Language. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2019. ISBN: 978-622-6121-56-9.
28. Hamid Soori, **Zali Alireza**. Good Economics for Hard Times. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2019. ISBN: 978-622-6121-73-6.
29. Parsa Nasser, **Zali Alireza**, Moghadamnia Seyed Hassan, Hossieni Zohreh Sadat. Metal-based Neurodegeneration from Molecular Mechanisms to Therapeutic Strategies. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2017. ISBN: 978-600-8493-74-7.
30. Mohammadali Fazeli, Masoud Salehi, Amir Rezaei, **Zali Alireza**, Farzad Ashrafi. Diagnosis and Treatment of Common Emergencies in Neurosurgery and Neurosurgery. Teimourzadeh Novin Publishing, 2017. ISBN: 978-600-8010-36-4.
31. Assdi Sina, **Zali Alireza**, Omidbeigi Mohamoud, Kafi Farnaz. Brain Tumors in Simple words. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2015. ISBN: 978-600-5907-73-5.
32. Ashrafi Farzad, Asaadi Sina, Pakdaman Hossien, **Zali Alireza**, Ommi Davood, Zarghi Afsaneh. Parkinson's Disease in Simple Word. Farhang Farda Publishing, 2014. ISBN: 978-964-5231-74-1.
33. Seddighi Amir Saied, **Zali Alireza**, Seddighi Afsoun, Rahimi Hesam, Shalchizadeh Makan, Amiri Mehrdad, Esfandi Amir. Neurovascular Surgery: A Modern Approach. Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2012. ISBN: 978-964-7447-46-8.
34. Seyed Mostafavi Tahameh Sadat, Dolati Sepideh, Kimiagar Masoud, **Zali Alireza**. Nutrition and MS. Avayezohoor Publishing, 2012. ISBN: 978-600-5896-60-2.

35. Zarghi Afsaneh, **Zali Alireza**, Ashrafi Farzad, Moazezi Mehdi. Auditory System. Abgin Rayan Publishing, 2011. ISBN: 978-600-5809-87-9.
36. Zarghi Afsaneh, **Zali Alireza**, Seddighi Amir Saied, Ashrafi Farzad. Cognitive Neurosciences. Abgin Rayan Publishing, 2011. ISBN: 978-600-5809-86-2.
37. **Zali Alireza**, Zarghi Afsaneh, Ramezankhani Ali, Moazezi Mehdi. Health Management Policies. Abgin Rayan Publishing, 2011. ISBN: 978-600-5809-89-3.
38. Zarghi Afsaneh, Ramezankhani Ali, **Zali Alireza**, Moazezi Mehdi. Writing Principles of Proposal, Project & Thesis. Abgin Rayan Publishing, 2011. ISBN: 978-600-5809-88-6.
- 39. Zali Alireza**, Tavakol Mohammad. Medical Sociology. Sina Publishing, 2011. ISBN: **5215314**.
40. **Zali Alireza**, Hamideh Ariannia, Abbas Sadathosseini. Clinical ethics: A Practical Approach to Ethical Decisions in Clinical Medicine, 7th ed, c2010. Sina Publishing, 2010. ISBN: 978-964-7277-89-1.
41. Rezaei Tavirani Mustafa, **Zali Alireza**, Moghadamnia Seyed Hassan, Heidari Mohammad Hossein, Hosseinzadeh Salavati Behrouz, Daneshvar Mehr Fatemeh. Artificial Neural Networks. Andisheye Zohoor Publishing, 2010. ISBN: 978-964-6131-09-5.
42. Zarghi Afsaneh, **Zali Alireza**, Ashrafi Farzad, Moazezi Mehdi. Brain & Cognition. Nazari Publishing, 2009. ISBN: 978-964-2897-43-8.
43. Zarghi Afsaneh, **Zali Alireza**, Ashrafi Farzad, Moazezi Mehdi. Pain. Abgin Rayan Publishing, 2009. ISBN: 978-600-5170-81-8.
44. Zarghi Afsaneh, **Zali Alireza**, Ashrafi Farzad, Moazezi Mehdi. Memory. Nazari Publishing, 2009. ISBN: 978-964-2897-34-6.
45. **Zali Alireza**, Emami Hasan. Process and Method Modification, (second volume). Vazhe negar Publishing, 2008. ISBN: 978-964-8858-55-6.
46. **Zali Alireza**, Emami Hasan. Strategic Development Program of Shahid Beheshti University of Medical Sciences & Health Services (Scientific MAP of the University with a View to the Twenty-Year Plan). of Shahid Beheshti University of Medical Sciences & Health Services Publishing, 2008. ISBN: 3297277.
47. **Zali Alireza**, Tavakol Mohammad. An Outline of Sociology as Applied to Medicine, 2nd ed, 1983. Sina Publishing, 2008. ISBN: 978-964-7277-60-0.
48. Rezaee Tavirani Mostafa, **Zali Alireza**, Rostami Amir, Moghadamnia Seyed Hasan Ranjbar Bijan, Rouhande Majid, Hesami Takloo Saeed, Mahdavi Somayeh, Sayeh Mehri Kourosh, Shahani Minoo, Mostafavi Mehrnaz. Biophysics. Andisheye Zohour Publishing, 2008. ISBN: 978-964-6131-02-6.

49. **Zali Alireza**. Strategic Development Planning of Shahid Beheshti University of Medical Sciences & Health Services. Tous Publishing, 2008.
50. **Zali Alireza**, Abbasi Mahmoud. The Law and Ethics of Medical Research: International Bioethics and Human Rights ,2008. Sina Publishing, 2005. ISBN: 978-964-7277-69-3.
51. Hatami Hosein, **Zali Alireza**. Comprehensive General Health Book, Health Point of View in Twenty Years' Outlook Document. Arjmand Publishing, 2006.
52. Abbasi Mahmoud, Abbasian Ladan, **Zali Alireza**. International Guidelines on HIV/AIDS and Human Rights 2006 Consolidated Version. Sina Publishing, 2006. ISBN: 978-964-7277-68-6.
53. **Zali Alireza**, Hassan Emami. Telemedicine and Electronic Health. Persia Network Publishing, 2006. ISBN: 1727802.
54. **Zali Alireza**, Hassan Emami, Shadnoosh Mehdi, Mashhoor Bahram. The Report of the 20th Anniversary Visionary Conference of the University System and Program of Shahid Beheshti University of Medical Sciences & Health Services. Tehran Publishing, 2006. ISBN: 964-8604-30-4.
55. **Zali Alireza**, Mohammadali Akbari .Is Energy Therapy an Illusion or Reality? Kayhan Publishing, 1997. ISBN: 76-10780 Iran.

- BOOK CHAPTERS:

1. Book: *Advances in artificial intelligence, robotics, augmented and virtual reality in neurosurgery*, **Edited** by Mohammad Mofatteh, Mohamad Bydon and Mohammed Ali Alvi
Chapter's Title: Advances in artificial intelligence, robotics, augmented and virtual reality in neurosurgery
 ○ **Publication:** Frontiers in Surgery, March 2024
 ○ DOI: doi.org/10.3389/fsurg.2023.1241923
2. Book: *Interdisciplinary Cancer Research*, **Edited** by Nima Rezaei
Chapter's Title: Precision Medicine in Brain Tumors: New Approaches
 ○ **Publication:** Springer, Cham, June 2024
 ○ DOI: [10.1007/16833_2024_274](https://doi.org/10.1007/16833_2024_274)
3. Book: *Anti-SARS-CoV-2 Activity of Flavonoids*, **Edited** by Jen-Tsung Chen
Chapter's Title: Anti-SARS-CoV-2 Activity of Flavonols and Their Glycosylated Derivatives
 ○ **Publication:** Taylor & Francis Group, July 2024
 ○ DOI: [10.1201/978-1-003-43320-0](https://doi.org/10.1201/978-1-003-43320-0)
 ○ Online ISBN 978-1-003-43320-0
4. Book: *Multidisciplinarity and Interdisciplinarity in Health*, **Edited** by Nima Rezaei
 ○ **Chapter's Title:** Integrated, Multidisciplinary, and Interdisciplinary Medical Education

- **Publication:** Springer, Cham, August 2022
 - DOI: [10.1007/978-3-030-96814-4_27](https://doi.org/10.1007/978-3-030-96814-4_27)
 - Online ISBN978-3-030-96814-4
5. Book: *Multidisciplinarity and Interdisciplinarity in Health*, Edited by Nima Rezaei
- **Chapter's Title:** Integrated Science 2050: Multidisciplinarity and Interdisciplinarity in Health
 - **Publication:** Springer, Cham, August 2022
 - DOI: [10.1007/978-3-030-96814-4_30](https://doi.org/10.1007/978-3-030-96814-4_30)
 - Online ISBN978-3-030-96814-4
6. E-Book: *Health Technologies and Innovations to Effectively Respond to the COVID- 19 Pandemic*, edited by Björn Wolfgang Schuller, Phuong N. Pham, Synho Do, Constantinos S. Pattichis and Pradeep Nair
- **Chapter's Title:** Using Machine Learning to Predict Mortality for COVID-19 Patients on Day 0 in the ICU
 - **Publication:** Frontiers in Digital Health, February 2022
 - DOI: [10.3389/fdgth.2021.681608](https://doi.org/10.3389/fdgth.2021.681608)
 - ISBN 978-2-88974-639-2
7. Book: *Interdisciplinary Cancer Research*, Edited by Professor Nima Rezaei
- **Chapter's Title:** Signalling Pathways in Neurological Cancers
 - **Publication:** Springer, Cham, 2022 (*publishing/ Gally proof*)
 - DOI: [10.1007/16833_2022_14](https://doi.org/10.1007/16833_2022_14)
8. E-Book: *AI-enabled Data Science for COVID-19*, Edited by Da Yan, Hong Qin, Hsiang-Yun Wu and Jake Y. Chen
- **Chapter's Title:** Symptom Prediction and Mortality Risk Calculation for COVID-19
 - **Publication:** Frontiers in Artificial Intelligence and Frontiers in Big Data. 22 June 2021
 - DOI: [10.3389/frai.2021.673527](https://doi.org/10.3389/frai.2021.673527)
 - ISBN 978-2-88974-050-5

- JOURNAL PAPERS

1. **Zali A**, Hajyani S, Salari M, Tajabadi-Ebrahimi M, Mortazavian AM, Pakpour B. Co-administration of probiotics and vitamin D reduced disease severity and complications in patients with Parkinson's disease: a randomized controlled clinical trial. *Psychopharmacology*. 2024 Sep;241(9):1905-14. DOI: 10.1007/s00213-024-06606-9.
2. Akhlaghpasand M, Tavanaei R, Hosseinpoor M, Yazdani KO, Soleimani A, Zoshk MY, Soleimani M, Chamanara M, Ghorbani M, Deylami M, **Zali A**, et al. Safety and potential effects of intrathecal injection of allogeneic human umbilical cord mesenchymal stem cell-derived exosomes in complete subacute spinal cord injury: a first-in-human, single-arm, open-label, phase I clinical trial. *Stem cell research & therapy*. 2024 Aug 26;15(1):264. DOI: 10.1186/s13287-024-03868-0.

3. Roodsari SR, **Zali A**, Niknazar s. Ethical Challenges Associated with Stem Cell Research. *Journal of Medical Ethics*. 2024 August 17; 18: e3. DOI: 10.22037/mej.v18.44817.
4. Tavanaei R, Akhlaghpasand M, Tavanaei D, Khannejad S, Hosseinpour M, Sohrabi MR, Akbari A, KhayamzadehM, Amanzadeh Jajin E, **Zali A**, Akbari M. E, Oraee-Yazdani S. Epidemiology of malignant gliomas in Iran: first report of Iranian National Population-based Cancer Registry, 2009-2017. *Journal of neurosurgery*. 2024 Jul 5:1-9. DOI: 10.3171/2024.4.jns2470
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APPROVED PROJECTS AND PROPOSALS:

1. Safety of Intranasal Spray Containing the Conditioned Medium of Mesenchymal Stem Cells Derived from Umbilical Cord Wharton's jelly in Alzheimer's Disease (Mild to Moderate) in phase 1 of the clinical trial. Naser Amini, Setareh Akbari, **Alireza Zali**, Mostafa Almasi, Marjan Mirsalehi Mohammad Taghi Joghataei, Saeed Oraee Yazdani, Soraya Mehrabi.1403-1404.
2. The role of MS4A gene in Alzheimer's disease: a systematic review and meta-analysis and system biology study. Somayeh Niknazar, Narges Bazgir, **Alireza Zali**.1403-1405.
3. Impacts of SARS-CoV-2 on brain renin-angiotensin system signaling and its subsequent effects on the brain: as a theoretical perspective: A narrative review. Milad.Rahimzadegan, **Alireza Zali**, Setareh Akbari, Meisam Akhlaghdoust, Sara Rahmati Roodsari. 1403-1404.
4. Comparison of the therapeutic effect of Iranian and foreign astaxanthin (Vitapharma) on the recovery of patients with complete spinal cord injury. **Alireza Zali**, Masoumeh Jorjani, Somayeh Niknazar, Saeed Oraee Yazdani, Fatemeh Abbaszadehm. 1402-1404.
5. Reconstruction of the Wnt signaling pathway in Glioma using systems biology approaches and experimental investigation of the most important candidate genes. **Alireza Zali**, Fariba Dehghanian, Sara Tavallae, Saeid Safari, Mahsa motavaf, Giv Sharifi, Sara Rahmati Roodsari.1402-1404.
6. The relationship between infertility and psychological disorders: a systematic review and meta-analysis. Somayeh Niknazar, **Alireza Zali**, Sara Rahmati Roodsari, Narges Bazgir.1402-1404.
7. Systematic review and meta-analysis of cerebrovascular complications after spinal cord surgery. Mohammadreza Shahmohammadi, Somayeh Niknazar, **Alireza Zali**, Setareh Akbari, Narges Bazgir.1402-1404.
8. Evaluation of alpha-synuclein protein interaction in both wild and mutant forms with the altered mitochondrial membrane in Parkinson's disease by molecular dynamics simulation. **Alireza Zali**, Mozghan Alipour, Saeid Safari, Saeed Oraee Yazdani, Farzad Ashrafi, Meisam Akhlaghdoust, Behnam Hajipoor. 1402-1403.
9. Systematic Review of emerging approaches to deep brain stimulation. Sara Rahmati Roodsari, Mozghan Alipour, **Alireza Zali**, Behnam Hajipoor. 1402-1403.
10. Study of therapeutic effect of mesenchymal stem cells and their exosomes in multiple sclerosis disease. Sara Rahmati Roodsari, Somayeh Niknazar, **Alireza Zali**, Milad Rahimzadegan.1401-1403.

11. Study of therapeutic effect of Exosomes from Coenzyme Q10 pretreated adipose-derived mesenchymal stem cells on Spinal Cord Injury model in rats. somayeh nikhazar, Ali Asghar peyvandi, **Alireza Zali**, Saeid Safari, Hojjat-Allah Abbaszadeh. 1401-1403.
12. Evaluation of diagnostic value of rapid Ag kit in diagnostic covid-19 patients in Masandaran province. Hassan Roudgari, **Alireza Zali**, Pegah Larki. 1401-1403.
13. A systematic review and meta-analysis of efficiency of Botulinum Toxin A in treatment of chronic migraine. Seyed Pouzhia Shojaee, **Alireza Zali**, Saeid Safari, Mahsa Ghajarzadeh, Arash Tafreshinejad. 1401-1401.
14. A systematic review and meta-analysis of prevalence of COVID-19 Infection in myasthenia gravis patients. Saeid Safari, **Alireza Zali**, Mahsa Ghajarzadeh. 1401-1401.
15. Evaluation of clinical outcomes of patients under Percutaneous Transforminal endoscopic discectomy with S1 epidural block for lumbar disc herniation: A Retrospective case series. Seyyed Masoud Hashemi, Sogol Asgari, **Alireza Zali**, Shima sadat Rajaei. 1401-1401.
16. Efficacy and safety of administration of BCc1 nanochelator in patients with glioblastoma multiform. Saeed Oraee Yazdani, **Alireza Zali**, ruzbeh Tavana. 1400-1403.
17. Study the mechanism of Tau protein aggregation in neurons and incidence of Alzheimer's disease via molecular dynamics simulation. Saeid Safari, Mozghan Alipour, **Alireza Zali**, Behnam Hajipour, Mahsa motavaf, Farzad Ashrafi. 1400-1401.
18. Impact of Stem Cell-Mediated Suicidal Gene Therapy on Local Control and Patient Survival of Secondary Glioblastoma: A Case Report. Saeed Oraee Yazdani, **Alireza Zali**, Mohammadhosein Akhlaghpasand. 1400-1401.
19. Evaluation of the potential of Rapid-Ab diagnostic test in patients with Covid 19 and asymptomatic individuals. Hassan Roudgari, **Alireza Zali**, mohammad farahbakhsh, Mohammadmehdi Nasehi, Pegah Larki. 1400-1401.
20. Detecting coronavirus with cough sound using artificial intelligence. **Alireza Zali**, Meisam akhlaghdoust, Jamal mirzaei, Kazem Asgarynasab, Sarfenaz Gholizadeh. 1400-1401.
21. The prevalence of COVID-19 Infection in Parkinson`s patients: A systematic review and meta-analysis. Saeid Safari, **Alireza Zali**, Mahsa Ghajarzadeh. 1400-1401.
22. Prevalence of neuropathic pain in patients with spinal cord injury: a systematic review and meta-analysis. **Alireza Zali**, Saeid Safari, Mahsa Ghajarzadeh. 1400-1401.
23. Investigating the prevalence of olfactory dysfunction in patients with Parkinson's disease: A Systematic Review and Meta-analysis. Saeid Safari, **Alireza Zali**, Mahsa Ghajarzadeh. 1400-1401.
24. A systematic review and meta-analysis of the prevalence of COVID-19 in Alzheimers dementia patients. **Alireza Zali**, Saeid Safari, Mahsa Ghajarzadeh. 1400-1401.
25. A systematic review and meta-analysis of prevalence of Guillain-Barré syndrome in COVID-19 patients. Pouzhia Shojai, **Alireza Zali**, Saeid Safari. 1400-1401.
26. The prevalence of epilepsy in COVID-19 patients: systematic review and meta-analysis. Saeid Safari, **Alireza Zali**, Mahsa Ghajarzadeh. 1400-1401.

27. Evaluation of therapeutic effect of deep brain stimulation on tremor in patients with multiple sclerosis: a meta-analysis. Saeid Safari, **Alireza Zali**, Mahsa motavaf. 1400-1400.
28. Evaluation of covid-19 prevalence in Parkinson's disease: evidence from movements disorder clinic of shohadaye-tajrish hospital. Mehri Salari, **Alireza Zali**. 1399-1401.
29. Safety and efficacy of acellular cartilage combined with mesenchymal stem cells and its derived exosomes in adults with intervertebral disc degeneration. Saeed Oraee Yazdani, **Alireza Zali**, Roozbeh Tavanaei, Afsane Soleimani. 1399-1400.
30. Outcomes and infection status of patients undergoing elective neurosurgical procedures in the middle of the Covid-19 pandemic at a neurosurgical center. Saeed Oraee Yazdani, **Alireza Zali**, ruzbeh Tavana. 1399-1400.
31. Designing an artificial intelligence model for the prediction of severity of the disease and drug recommendation in patients with COVID-19 in different hospital units. Saeed Safari, **Alireza Zali**, Elham Jamshidi.1399-1400.
32. Comparing the Effectiveness of Cognitive-Behavioral Therapy and Motivational Interviewing-Based Therapy on the Pre- and Post-Operative Perceived Stress in Patients undergoing Neurological Surgeries. **Alireza Zali**, Hasan Ahadi, Ali Solgi. 1399-1400.
33. The efficacy of acceptance and commitment therapy, and transcranial Direct-Current Stimulation (tDCS) on depression and anxiety and physical symptoms patients with chronic pain: a comparative study. **Alireza Zali**, Minoos Geserse.1399-1400.
34. Investigation of stroke cases in COVID-19 patients in Shohada-e-Tajrish hospital in January and February of 2020. Farzad Ashrafi, **Alireza Zali**.1399-1400.
35. Legal consideration in COVID-19 in the Shohadaye Tajrish & Shahid Modarres hospital. Fares Najari, **Alireza Zali**. 1399-1400.
36. Investigating the effect of corticosteroid-impregnated gelfoam in extradural space as a means of reducing post-op pain in PSF patients. Saeed Oraee Yazdani, **Alireza Zali**, Pouria Ahmadi. 1399-1400.
37. Level of tyrosine hydroxylase gene expression in the animal model of Parkinson's disease. Mansoureh Hashemi, **Alireza Zali**. 1399-1399.
38. Effect of MK801 on beta-amyloid induced apoptosis in cultured rat hippocampal neurons. Mansoureh Hashemi, **Alireza Zali**. 1399-1399.
39. Isolation, culture and differentiation of human glioblastoma multiforme stem cells. Mansoureh Hashemi, **Alireza Zali**. 1399-1399.
40. Studying the effect of Iranian native multi-strain supplements on controlling the MS disease symptoms. **Alireza Zali**, Amir Mohammad Mortazavian Farsani, Maryam Tajabadi ebrahimi. 1399-1400
41. Evaluating the safety and efficacy of selective dorsal rhizotomy in patients with spinal cord injury-induced spasticity. **Alireza Zali**, Saeed Oraee Yazdani, Roozbeh Tavanaei. 1399-1400.
42. Survey of the Anxiety Caused by the COVID-19 Pandemic on Multiple Sclerosis Patients of Iran. Mehri Salari, Masoud Etemadifar, Ali Solgi, **Alireza Zali**. 1399-1399.

43. The effect of protein supplement on paraspinal muscles in patients undergoing lumbar posterior spine fusion surgery. Saeed Oraee Yazdani, **Alireza Zali**, Razieh Khalooei Fard. 1399-1399.
44. Prevalence of neurologic manifestations in COVID-19 patients. Farzad Ashrafi, Mehri Salari, **Alireza Zali**. 1399-1399.
45. Study protocol: rational and design of discharged COVID-19 patients telephone follow up cohort by volunteer medical students in Shohadaye-Tajrish hospital. Alireza Fatemi, **Alireza Zali**. 1399-1399.
46. Study of the effect of Nebulizing Pepper mint vs Rose oil on SP0₂ in patients under Ministry of Health and Medical Education Standard Corona treatment protocol. Houman Teymourian, **Alireza Zali**, Nima Saeedi. 1399-1399.
47. Analgesic effects of preoperative combined administration of intravenous magnesium sulfate and oral Pregabalin on postoperative pain in patients undergoing posterior spinal fusion surgery. Saeed Oraee Yazdani, **Alireza Zali**, ruzbeh Tavana. 1399-1399.
48. Evaluation of safety and efficacy of using bone marrow mesenchymal stem cells containing lentivirus carrying thymidine kinase gene for the treatment of patients with glioblastoma multiforme by stereotactic injection. **Alireza Zali**, Masoud Soleimani, Maryam Hafizi, Saeed Oraee Yazdani, Amir Atashi. 1399-1400.
49. Parkinson's Disease Registry in Patients Referred to Neurology Clinics of Shahid Beheshti University of Medical Sciences in Tehran (SBMU-PDR). Mehri Salari, **Alireza Zali**, Farzad Ashrafi. 1398-1400.
50. Evaluation of safety and efficacy of using bone marrow mesenchymal stem cells in the treatment of patients with ischemic and hemorrhagic stroke in patients in the subacute phase by stereotactic method. **Alireza Zali**, Masoud Soleimani, Maryam Hafizi, Saeed Oraee Yazdani, Amir Atashi. 1398-1400.
51. Safety and feasibility of Intraventricular cell injection of mesenchymal stem cell in patients with ALS. **Alireza Zali**, Saeed Oraee Yazdani. 1396-1399.
52. Inducing apoptosis in astrocyte cells isolated from glioblastoma multiform using olfactory ensheathing cells containing thymidine kinase gene. Mansoureh Hashemi, **Alireza Zali**. 1396-1396.
53. Evaluation of 14-3-3 zeta expression in malignant and benign of brain tumors. Mansoureh Hashemi, **Alireza Zali**, Setareh Akbari. 1396-1396.
54. Extracting the mechanical properties of circle of Willis artery wall. **Alireza Zali**, Amir Saied Seddighi, Naser Faturaie. 1396-1396.
55. The role of stenosis ratio and Zung depression scale to predict satisfaction with Posterior Spinal Fusion surgery in patients with lumbar disc herniation and lumbar spinal canal stenosis. **Alireza Zali**, Mahsa Babae. 1396-1396.
56. The effect of radio guided surgery in resection of cerebral glioma. Afsoun Seddighi, Amir Saied Seddighi, **Alireza Zali**. 1395-1396.
57. Use of artificial neural networks and logistic regression to predict posterior spinal fusion (PSF)surgery outcomes in patients with Spinal disorders. **Alireza Zali**, Mahsa Babae. 1394-1395.

58. Assessment of visual memory with age, sex and education among healthy adults. Afsane Zarghi, **Alireza Zali**. 1394-1394.
59. Assessment of cognitive Function in patients with Parkinson after memory rehabilitation. Afsane Zarghi, **Alireza Zali**. 1394-1394.
60. The relationship between cognitive disorders and the volume of microvascular lesions in individuals with cardiovascular risk factors. Farzad Ashrafi, **Alireza Zali**, Davood Ommi, Hamidreza Haghhighatkah, Mohammadreza Sohrabi, Mehran Arabahmadi, Behdad Behnam. 1393-1394.
61. Genetic screening of non-syndromic congenital blindness for aplasia and bilateral optic nerve hypoplasia. **Alireza Zali**, Noor Mohammad Ghiasvand, Ali Solgi, Fatemeh Rashidi, Ehsan Samarbafzadeh, Nader Maghsoudi, Mostafa Soltan Sanjari. 1392-1398.
62. The Correlation between Frontal Assessment Battery and Unified Parkinson's Disease Rating Scale in the Early Stages of Parkinson's Disease. Farzad Ashrafi, **Alireza Zali**. 1392-1393.
63. Volumetric plaque measurement of multiple sclerosis in FLAIR MRI sequence of patients without spinal cord involvement and finding the relationship between plaque volume in MRI with cognitive disorders. Farzad Ashrafi, **Alireza Zali**. 1392-1393.
64. Evaluation of biomechanical stability in the intervertebral space of the cervix in patients with disc degeneration and its comparison with a healthy person. Amir Hossein Saveh, **Alireza Zali**. 1392-1393.
65. Use of artificial neural networks in predicting the success of treatment with endoscopic third ventricular ventriculostomy in patients with pediatric hydrocephalus and production of relevant software based on multicenter studies. Parisa Azimi, **Alireza Zali**, Hassan Reza Mohammadi. 1392-1393.
66. Comparison of proteomycosis of malignant glial tumors in different areas of the brain (supraclavicular) in patients. **Alireza Zali**, Amin Rostami, Minoos Shahani. 1391-1393.
67. Role of Long-term treatment by vitamin B1 in pro- inflammatory cytokines and hyperalgesia variation during different stages of Complete Freund's Adjuvant-induced arthritis in male Wistar rats. **Alireza Zali**, Setareh Akbari, Jalal Zaringhalam Moghadam. 1391-1392.
68. Evaluation of the effect of recurrent magnetic stimulation of the skull (rTMS) on the primary motor cortex on the lesion side and with high frequency (5 Hz) on improving the mobility of patients with subcortical stroke in the area of the cerebral artery. Farzad Ashrafi, **Alireza Zali**. 1391-1392.
69. Investigation of brain function in art therapy. Afsane Zarghi, **Alireza Zali**. 1391-1391.
70. Examining brain function in emotion (romantic love). Alireza Zali, Afsane Zarghi. 1391-1391.
71. Evaluation of brain function in music therapy. **Alireza Zali**, Afsane Zarghi. 1391-1391.
72. Evaluation of transplantation complications of bone marrow-derived CD133 cells in patients with cerebral palsy. **Alireza Zali**, Naser Aghdam. 1390-1394.

THESIS:

1. Supervisor: **Dr. Alireza Zali**. Investigating complications caused by deep brain stimulation (DBS) in patients referred to Shahada Tajrish Hospital.
2. Advisor: **Dr. Alireza Zali**. Investigating the effect of high-protein diet in improving the outcomes of patients after posterior lumbar fusion surgery: A case-control study.
3. Supervisor: **Dr. Alireza Zali**. Effects of using povidone-iodine dressing before surgery on reducing surgical wound infection in patients undergoing lumbar laminectomy surgery in patients referred to Shahada Tajrish Hospital between 1400 and 1401.
4. Supervisor: **Dr. Alireza Zali**. The effect of parenteral erythropoietin on improvement of cerebral auto-regulation mechanism in severe traumatic brain injury patients: A Clinical Trial.
5. Supervisor: **Dr. Alireza Zali**. Investigating the association between vasospasm risk factors after aneurysmal subarachnoid hemorrhage and velocity changes of blood circulation in middle cerebral artery based on transcranial doppler ultrasonography in patients referring to Shohada-e-Tajrish Hospital in 1388.
6. Supervisor: **Dr. Alireza Zali** Investigating the origin of metastatic brain tumors with the help of MRA diffusion imaging findings in patients operated on in Shahada Tajrish Hospital from 1393 to 1397.
7. Supervisor: **Dr. Alireza Zali**. Investigation of the effect of radioactive phosphorus on craniopharyngeal tumor cysts in patients referring to Shohada-e-Tajrish Hospital in 1377-1387
8. Supervisor: **Dr. Alireza Zali**. Five-year investigation of operated cerebral vasculature aneurysms in 1369-1373 in Shohada-e-Tajrish Hospital
9. Supervisor: **Dr. Alireza Zali**. Investigation of the abundance of clinical and radiologic findings in patients with primary cerebral lymphoma in 1369-1393 in Shohada-e-Tajrish Hospital
10. Supervisor: **Dr. Alireza Zali**. Investigation of the outcomes of cerebral abscesses surgery in last 10 years in Shohada-e-Tajrish Hospital
11. Supervisor: **Dr. Alireza Zali**. Investigation of operated hydrocephaly through 3 years (73-75) in Mofid Childrens's Hospital relying on etiology and complications of operation
12. Supervisor: **Dr. Alireza Zali**. The effect of prophylactic prescription of Tranexamic Acid in reducing the hemorrhage in patients undergone major spinal surgery.
13. Supervisor: **Dr. Alireza Zali**. Investigation of etiologies of intracranial hemorrhages in children in Mofid Hospital in 1372-1374.
14. Supervisor: **Dr. Alireza Zali**. Investigation of the effect of continuous epidural anesthesia in treatment of Phantom Limb Pain after limb amputation in 20 patients from hospitals affiliated with Shahid Beheshti University of Medical Sciences in 1375-1376.
15. Supervisor: **Dr. Alireza Zali**. Investigation of clinical and radiologic outcomes of Anterior cervical discectomy and fusion (ACDF) in 86-89.

16. Supervisor: **Dr. Alireza Zali**. Investigation of suboccipital retrosigmoid craniotomy surgical approach outcomes in patients with acoustic neuroma referring to Shohada-e-Tajrish Hospital in 1378-1384.
17. Supervisor: **Dr. Alireza Zali**. Investigation of prevalence of de novo cerebral aneurysm in long-term follow-up of patients after treating cerebral aneurysm with clips.
18. Supervisor: **Dr. Alireza Zali**. Investigation of intervention outcomes in cerebral arteriovenous malformations in patients admitted and treated in Shohada-e-Tajrish Hospital in 1389-1393.
19. Supervisor: **Dr. Alireza Zali**. Investigation of performance of cerebral stereotactic biopsy unit in Shohada-e-Tajrish Hospital in 88-98.
20. Supervisor: **Dr. Alireza Zali**. Investigation of efficacy of intramuscular vitamin D injection on post-operational clinical, surgical, and radiologic outcomes in patients undergone posterior lumbar spinal fusion surgery.
21. Supervisor: **Dr. Alireza Zali**. Comparison of changes during excitatory motor action potentials and their prognostic value among patients undergone cervical decompression surgery with laminectomy or laminoplasty method.
22. Supervisor: **Dr. Alireza Zali**. Investigation of expression of predicted non-coding RNAs resulted from dataset examination with target genes involved in RTK/Ras/PI3K signaling pathway as potential diagnostic biomarkers in Iranian patients with multiform glioblastoma.
23. Supervisor: **Dr. Alireza Zali**. Evaluation of the origin of metastatic brain tumor with MRI diffusion parameter in patient surgieried at shohada tajrish hospital during 93-97.
24. Supervisor: **Dr. Alireza Zali**. Presurgical determination of intra axial Brain tumors consistency using MATLAB software by the analysis of T2 relaxation time and Apparent Diffusion Coefficient of tumoral tissues.
25. Supervisor: **Dr. Alireza Zali**. Exploring key drivers of physician's choice of prescription drugs and simulating pre-launch market evaluation model for new pharmaceutical products.
26. Supervisor: **Dr. Alireza Zali**. Assessment of stem cell therapy in treatment of ALS.
27. Supervisor: **Dr. Alireza Zali**. Assessment of stem cell therapy in treatment of CP.
28. Supervisor: **Dr. Alireza Zali**. Assessment of stem cell therapy in treatment of SCI.
29. Supervisor: **Dr. Alireza Zali**. Neuroregenerative effects of myelinating cells cultured on nanofibrous conduit in peripheral nerve repair in rats.
30. Supervisor: **Dr. Alireza Zali**. Assessment of cases reported of hydatid cyst CNS, In Recent five years.
31. Supervisor: **Dr. Alireza Zali**. Assesement of operated aneurysms brain vessles in the years 1369-1373.
32. Supervisor: **Dr. Alireza Zali**. Assessment of the surgical technique for treatment of chronic pain.

33. Supervisor: **Dr. Alireza Zali**. primary brain lymphoma and review of its cases During the past 10 years in Shohada-e-Tajrish Hospital
34. Supervisor: **Dr. Alireza Zali**. Assessment of history of head trauma in hospitalized patients with bacterial in Mofid Hospital in age from 2 months to 14 years during 1374-1375 years
35. Supervisor: **Dr. Alireza Zali**. Assessment of posterior cavity brain tumors in children in recent five years in Mofid Hospital.
36. Supervisor: **Dr. Alireza Zali**. Assessment of brain tumors in children from 1372 to 1378 in Mofid hospital.
37. Supervisor: **Dr. Alireza Zali**. Assesment of cases of brain tumor in Shohada Hospital in the years 1379-1381.
38. Supervisor: **Dr. Alireza Zali**. Assessment of neurological issues in eye examinations.
39. Supervisor: **Dr. Alireza Zali**. Study of clinical and radiological outcomes after Anterior Cervical disectomy in 2007-2010 years.
40. Supervisor: **Dr. Alireza Zali**. The correlation with risk factors of Vasospasm after aneurysmal subarachnoid hemorrhage with changes in velocity of middle cerebral artery demonstrated with trans cranial doppler ultrasonography.
41. Supervisor: **Dr Alireza Zali**. Investigation of the results of stereotactic biopsy and open surgery results in patients with metastatic brain tumors admitted to hospital in Tehran's Shohada-e-Tajrish Hospital in Between 1376-1390.
42. Supervisor: **Dr Alireza Zali**. Preoperative Grading of Astrocytic Supratentorial Brain Tumors with Diffusion-weighted MR Imaging and Apparent Diffusion Coefficient.
43. Supervisor: **Dr. Alireza Zali**. Presurgical determination of intra axial Brain tumors consistency using MATLAB software by the analysis of T2 relaxation time and Apparent Diffusion Coefficient of tumoral tissues.
44. Advisor: **Dr. Alireza Zali**. Safety of Intranasal Spray Containing the Conditioned Medium of Mesenchymal Stem Cells Derived from Umbilical Cord Wharton's jelly in Alzheimer's Disease (Mild to Moderate) in phase 1 of the clinical trial.
45. Advisor: **Dr. Alireza Zali**. Investigating the effect of combined intraspinal cell therapy with Schwann cells and bone marrow-derived stem cells on neurogenic bladder disorder in complete spinal cord injury: an open-label phase 1 clinical trial.
46. Advisor: **Dr. Alireza Zali**. Examining the status of compliance with health guidelines in the prevention of SARS-CoV-2 virus infection and its influencing factors among students of Shahid Beheshti University of Medical Sciences, Iran, academic year 1400-1401.
47. Advisor: **Dr. Alireza Zali**. Examining the influencing factors in the choice of prescription drugs by the doctor and designing and explaining the market evaluation model before the introduction of a new drug product.
48. Advisor: **Dr. Alireza Zali**. Study of the epidemiology of medulloblastoma in Iran between 1388-1393.
49. Advisor: **Dr. Alireza Zali**. In Partial Fulfillment of the Requirements for the Degree of Specialist in Field of Study Neurosurgery.

50. Advisor: **Dr. Alireza Zali**. Evaluation of clinical prognostic value of pre-operative modic change in patients with low back pain following posterior spinal fusion or laminectomy.
51. Advisor: **Dr. Alireza Zali**. Evaluation of the incidence of anxiety in patients with Parkinson's disease during the epidemic of Covid-19.
52. Advisor: **Dr. Alireza Zali**. Investigation of the frequency of increased idiopathic intracerebral pressure (IIH) in morbidly obese patients undergoing sleeve gastrectomy (bariatric surgery) in Luqman Hakim Hospital during 1398-1400.
53. Advisor: **Dr. Alireza Zali**. Comparing Prediction Models for Stroke Based on Neural Network and Decision Tree.
54. Advisor: **Dr. Alireza Zali**. The survey on defensive medicine behaviours in surgeons who participated in the 41st Congress of Iranian Association of Surgeons.
55. Advisor: **Dr. Alireza Zali**. Evaluation of the result of interventional and non-interventional management of cerebral Avm and determination of the factors associated with outcome in Shohada Tajrish hospital (1389-1393).
56. Advisor: **Dr. Alireza Zali**. Studying the frequency of clinical and radiological findings in patients with primary brain lymphoma 1369-1393, Shahada Tajrish Hospital.
57. Advisor: **Dr. Alireza Zali**. The effect of prophylactic administration of tranexamic acid in reducing bleeding in patients undergoing major spine surgery.
58. Advisor: **Dr. Alireza Zali**. Comparison of efficiency between two models, Multilayer Perceptron Neural Network and Multivariate Logistic Regression, in the diagnosis of Multiple Sclerosis disease.
59. Advisor: **Dr. Alireza Zali**. An electrophysiological study of the neuroprotective effect of melatonin on 3Acetylpyridine induced ataxia in rat: Whole cell patch clamp recording of Purkinje neurons.

INVITED CONGRESS AND ORAL PRESENTATION

No	Congress Title	Year
1	The 4 th International & 16 th Iranian Nutrition Congress, Tehran, Iran, <i>Oral presentation</i>	2024
2	The 5 th Congress of Skull Base and Pituitary Surgery, Tehran, Iran, <i>Oral presentation</i>	2024
3	5 th Nursing Ethics Congress, Tehran, Iran, <i>Oral presentation</i>	2024

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| 4 | 11 th Sterilization and Infection Control Congress, Tehran, Iran, <i>Invited speaker</i> | 2024 |
| 5 | 5 th International Congress for Hospital Build & Facility Management, Tehran, Iran, <i>Invited speaker</i> | 2024 |
| 6 | Congress of Neuromodulation in Movement Disorders (Parkinson's Disease- Dystonia-Tremor), Tehran, Iran, <i>Oral presentation</i> | 2023 |
| 7 | One-day Scientific Conference on Movement Disorders, Tehran, Iran, <i>Oral presentation</i> | 2023 |
| 8 | One-day Scientific Conference on Clinical Ethics and Patients' Rights, Tehran, Iran, <i>Oral presentation</i> | 2023 |
| 9 | 4 th International Congress for Hospital Build & Facility Management, Tehran, Iran, <i>Invited speaker</i> | 2022 |
| 10 | The Role of UNESCO in the Field of Health, Treatment and Medical Education, Online presentation, Tehran, Iran, <i>Online, keynote speaker</i> | 2022 |
| 11 | Asian Productivity Organization, Tokyo, Japan, <i>Online, keynote speaker</i> | 2022 |
| | One-day Scientific Conference on the Role of Endovision Systems in Neurosurgery, Tehran, Iran, <i>Oral presentation</i> | |
| 12 | One-day Scientific Conference on Surgical and Non-surgical Treatment of Clivus Chordoma, Tehran, Iran, <i>Oral presentation</i> | 2021 |
| 13 | International Hospital Federation (IHF), Barcelona, Spain, <i>Online, keynote speaker</i> | 2021 |
| 14 | The Functional differentiation of the female brain, Tehran, Iran, <i>Online, keynote speaker</i> | 2021 |
| 15 | The Association of Neurosurgeons, Tehran, Iran, <i>keynote speaker</i> | 2021 |
| 16 | The 27 th Annual Congress of Iranian Society of Iranian Surgeons, Tehran, Iran, <i>keynote speaker</i> | 2021 |

17	Joint Session of International Neuro-Urology Society (INUS)/ IUA, Tehran, Iran, keynote speaker	2021
18	The 1 st Digital Congress of management and treatment of COVID-19, Tehran, Iran, <i>keynote speaker</i>	2021
19	The conference of National plan on the determination of the place of NIPT testing in the screening of chromosomal abnormalities in the first trimester of pregnancy, Tehran, Iran, <i>keynote speaker</i>	2020
20	The 28 th Iranian Congress on Infectious Diseases and Tropical Medicine, Tehran, Iran, <i>keynote speaker</i>	2020
21	The 3 rd Euro-Asian Pharmacoepidemiology Congress, Isfahan, Iran, <i>keynote speaker</i>	2020
22	The 43 rd Iran's Surgeons Society Congress, Tehran, Iran, <i>keynote speaker</i>	2019
23	Seminar of Updates on Traumatic Head Injuries in Brain Mapping, Tehran, Iran, <i>keynote speaker</i>	2018
24	The 18 th Annual Congress of Iranian Children, Tehran, Iran, <i>Invited speaker</i>	2018
25	The 6 th International Congress on Intolerance of Pain and the 8 th Annual Congress of the Iranian Association of Anaesthesiology and Pain, Tehran, Iran, <i>Invited speaker</i>	2018
26	The 42 nd Annual Iran's Surgeons Society Congress, Tehran, Iran, <i>Invited speaker</i>	2018
27	The 41 st Annual Iran's Surgeons Society Congress, Tehran, Iran, <i>Invited speaker</i>	2017
28	Scientific Conference on Medical Errors, Tehran, Iran, <i>Invited speaker</i>	2016
29	Scientific Conference on Ethics and Professional Commitment of the Medical Community, Tehran, Iran, <i>Invited speaker</i>	2016
30	One-day Scientific Conference on Neurosurgery Emergencies, Tehran, Iran, <i>Invited speaker</i>	2016
31	Medical Professional Ethics Seminar, Tehran, Iran, <i>Invited speaker</i>	2016
32	11 th International Congress of Breast Cancer, Tehran, Iran,	2016

Invited speaker

- 33 The 1st Symposium on Stem Cell Therapy in Neurological Disorders, Tehran, Iran, *keynote speaker* 2018
- 34 16th Seminar on Physiotherapy Specialty Spine, Tehran, Iran, *Invited speaker* 2015
- 35 The 40th Annual Iran's Surgeons Society Congress, Tehran, Iran, *Invited speaker* 2016
- 36 International Family Physician Seminar, Tehran, Iran, *keynote speaker* 2015
- 37 The 3rd International Congress of Transfusion Medicine, Tehran, Iran, *Invited speaker* 2015
- 38 The 12th International Congress of Anaesthesiology, Critical Care and Pain Management, Tehran, Iran, *keynote speaker* 2015
- 39 Annual Conference of the Paediatric Infectious Diseases Association and the Memorial of Professor Dr. Seyed Ahmad Siadati, Tehran, Iran, *Invited speaker* 2014
- 40 The 4th International Congress of Interventional Pain Medicine, Tehran, Iran, *Invited speaker* 2014
- 41 One-day symposium on relaxation and sedation in children, Tehran, Iran, *Invited speaker* 2014
- 42 One-day scientific conference on medical disciplinary law, Tehran, Iran, *Invited speaker* 2014
- 43 Medical professional ethics with the approach of examining the jurisprudential, ethical and legal aspects in end-of-life care of deceased patients, Tehran, Iran, *Invited speaker* 2014
- 44 One-day scientific conference on mental health and media, Tehran, Iran, *keynote speaker* 2013
- 45 One-day scientific conference on new pain management technology, Tehran, Iran, *keynote speaker* 2013
- 46 One-day scientific conference on new plastic surgery, Tehran, Iran, *Invited speaker* 2013
- 47 One-day scientific conference on cardiac resuscitation and pulmonary CPR Tehran, Iran, *Invited speaker* 2013
- 48 One-day Neurological Rehabilitation Symposium, Tehran, Iran, *Invited speaker* 2013

49	Iranian Interim Course of Neurosurgeons, Tehran, Iran, <i>keynote speaker</i>	2013
50	Congress of Neurological Rehabilitation in Diseases, Tehran, Iran, <i>keynote speaker</i>	2012
51	Conference on Law, Ethics and Medical Jurisprudence, Tehran, Iran, <i>Invited speaker</i>	2012
52	Annual Intensive Care Seminar: Past, Present and Future of Intensive Care in Iran, Tehran, Iran, <i>keynote speaker</i>	2012
53	Thirty-sixth Annual Scientific Congress of the Iranian Society of Surgeons, Tehran, Iran, <i>Invited speaker</i>	2012
54	One-day conference on health and social vitality, Tehran, Iran, <i>Invited speaker</i>	2012
55	Clinical Neuroscience Seminar, Tehran, Iran, <i>Invited speaker</i>	2011
56	One-day scientific conference on social factors affecting health, Tehran, Iran, <i>Invited speaker</i>	2011
57	Symposium on the use of stem cells in neuromuscular diseases in memory of the late scientist Dr. Saeed Kazemi Ashtiani, Tehran, Iran, <i>Invited speaker</i>	2011
58	Pain seminar, Tehran, Iran, <i>Invited speaker</i>	2011
59	One-day scientific conference on disease prevention and its role in promoting community health, Tehran, Iran, <i>Invited speaker</i>	2011
60	Cognitive Neuroscience Seminar, Tehran, Iran, <i>Invited speaker</i>	2011
61	Evidence-based neurosurgery seminar, Tehran, Iran, <i>Invited speaker</i>	2010
62	Seminar on the role of basic sciences in health promotion, Tehran, Iran, <i>keynote speaker</i>	2010
63	The Second Annual International Congress of Forensic Medicine of Iran, Tehran, Iran, <i>Invited speaker</i>	2010
64	Cognitive Neuroscience Seminar, Tehran, Iran, <i>keynote speaker</i>	2010
65	Family Physician Conference and Referral System, Prospects and Challenges, Tehran, Iran, <i>keynote speaker</i>	2010

- 66 Stem cell use workshop in the treatment of epilepsy, Parkinson's, cerebral palsy and spinal cord injuries, Tehran, Iran, *keynote speaker* 2010
- 67 Brain tumor seminar in children, Tehran, Iran, *keynote speaker* 2010
- 68 Clinical Neuroscience Seminar, Tehran, Iran, *keynote speaker* 2010
- 69 Seminar on the use of stem cells in the treatment of epilepsy, Parkinson's, cerebral palsy and spinal cord injuries, Tehran, Iran, *keynote speaker* 2010
- 70 Twelfth Annual Conference of Iranian Pathology and Sixth Annual Conference of the Iranian Cancer Society, Tehran, Iran, *keynote speaker* 2010
- 71 The 16th Iben Sina Institute National Seminar on Genetics, Law, Ethics, Psychology, Tehran, Iran, *keynote speaker* 2010
- 72 Second International Congress on Headaches, Tehran, Iran, *keynote speaker* 2010
- 73 Infection and Surgery Seminar, Tehran, Iran, Tehran, Iran, *Invited speaker* 2009
- 74 Joint Congress of Neonates and Perinatology, Tehran, Iran, *Invited speaker* 2009
- 75 New conference on pediatrics and the 30th commemoration of Dr. Mohammad Gharib, Tehran, Iran, *Invited speaker* 2009
- 76 Clinical Conference on Oncology entitled Brain Tumors, Morocco, *Invited speaker* 2009
- 77 Seminar on Challenges in Infertility Reproductive Therapies and Insurance, Tehran, Iran, *Invited speaker* 2008
- 78 Emergency Scientific Conference, Tehran, Iran, *Invited speaker* 2008
- 79 8th Iranian Pediatric Nervous Congress Nursing Conference, Tehran, Iran, *Invited speaker* 2008
- 80 Seminar of medicine and jurisprudence, Tehran, Iran, *Invited speaker* 2008
- 81 Specialized Symposium on Ethics and Law in Pharmaceutical Sciences, Tehran, Iran, *Invited speaker* 2008

82	One-day symposium on donation coordination and transplantation of brain death donors, Tehran, Iran, <i>Invited speaker</i>	2008
83	The Second International Congress of Iranian Medical Ethics, Tehran, Iran, <i>Invited speaker</i>	2008
84	First Congress on Supportive and Palliative Care in Cancer, Tehran, Iran, <i>Invited speaker</i>	2008
85	Epilepsy Conference, Tehran, Iran, <i>Invited speaker</i>	2007
86	Interventional methods of physical medicine and rehabilitation in the treatment of pain, Tehran, Iran, <i>Invited speaker</i>	2007
87	The First Iranian Medical Proteomics Congress, Tehran, Iran, <i>Invited speaker</i>	2007
88	7 th Applied Scientific Conference of General Practitioners Nationwide, Tehran, Iran, <i>Invited speaker</i>	2007
89	International Congress of Medical Law, Tehran, Iran, <i>Invited speaker</i>	2007
90	National Emergency Medicine Seminar, Tehran, Iran, <i>Invited speaker</i>	2007
91	31 st Annual Scientific Congress of the Iranian Society of Surgeons, Tehran, Iran, <i>Invited speaker</i>	2007
92	Sixth International Congress of Traditional and Complementary Medicine, Tehran, Iran, <i>Invited speaker</i>	2007
93	Congress of Vascular Trauma, Cognition and Treatment, Tehran, Iran, <i>Invited speaker</i>	2006
94	Congress of Women's Cancers, Tehran, Iran, <i>Invited speaker</i>	2006
95	Seminar on facial plastic surgery and its complications, Tehran, Iran, <i>Invited speaker</i>	2006
96	Physician seminar and legal teachings in the field of neurosurgery, Tehran, Iran, <i>Invited speaker</i>	2006
97	Congress of Central Nervous System Cancers, Italy, <i>Invited speaker</i>	2006
98	Sixth Applied Scientific Conference of General Practitioners Nationwide, Tehran, Iran, <i>Keynote speaker</i>	2006

99	First Congress of Electrodiagnosis Medicine in Peripheral Nerve Lesions, Tehran, Iran, <i>Keynote speaker</i>	2006
100	The first international conference on telemedicine and health, Tehran, Iran, <i>Keynote speaker</i>	2006
101	Physician seminar and legal teachings in the field of neurosurgery, Tehran, Iran, <i>Keynote speaker</i>	2006
102	7 th General Practitioners Conference, Tehran, Iran, <i>Keynote speaker</i>	2006
103	Conference on paediatrics and the 27 th commemoration of Dr. Gharib, Tehran, Iran, <i>Keynote speaker</i>	2006
104	30 th Annual Scientific Congress of the Iranian Society of Surgeons, Tehran, Iran, <i>Invited speaker</i>	2006
105	Symposium The first regional specialized meeting on ethics education in science and technology, Tehran, Iran, <i>Invited speaker</i>	2006
106	Conference on an one-day continuing education program for orthopaedic specialists, Tehran, Iran, <i>Invited speaker</i>	2005
107	The fifth applied scientific conference of general practitioners in Iran, Tehran, Iran, <i>Invited speaker</i>	2005
108	Twenty-ninth Annual Congress of the Iranian Society of Surgeons, Tehran, Iran, <i>Invited speaker</i>	2005
109	The fourth conference of Iranian children's nerves, Tehran, Iran, <i>Invited speaker</i>	2004
110	Conference of Iranian Society of Anaesthesiology and Intensive Care, Tehran, Iran, <i>Invited speaker</i>	2004
111	Twenty-eighth annual congress of the Iranian Society of Surgeons, Tehran, Iran, <i>Invited speaker</i>	2004
112	The third scientific conference on paediatrics' nerves in Iran, Tehran, Iran, <i>Oral presentation</i>	2003
113	Sixth Iranian Congress of Physical Medicine, Rehabilitation and Electrodiagnosis, Tehran, Iran, <i>Oral presentation</i>	2003
114	15 th International Conference on Paediatrics, Tehran, Iran, <i>Oral presentation</i>	2003
115	Conference of Iranian Association of Neurosurgeons, Iran, <i>Oral presentation</i>	2003

116	Monthly meetings of the Iranian Society of Neurosurgeons, Iran, <i>Oral presentation</i>	2003
117	Twenty-seventh Annual Scientific Congress of the Iranian Society of Surgeons, Iran, <i>Oral presentation</i>	2003
118	The second applied scientific conference of general practitioners across Iran, <i>Oral presentation</i>	2002
119	Seminar on Common Nervous Diseases in Children, Iran, <i>Oral presentation</i>	2002
120	Twenty-sixth Annual Congress of the Iranian Society of Surgeons, Iran, <i>Oral presentation</i>	2002
121	National Conference on Low Back Pain, Iran, <i>Oral presentation</i>	2001
122	Conference of the program of one hundred courses written in the special education program, Iran, <i>Oral presentation</i>	2001
123	Codified training program for general practitioners of Shahid Beheshti University of Medical Sciences, Iran, <i>Oral presentation</i>	2001
124	Twenty-fourth Annual Congress of the Iranian Society of Surgeons, Iran, <i>Oral presentation</i>	2001
125	Twelfth International Conference on Paediatrics' diseases, Iran, <i>Oral presentation</i>	2000
126	Twenty-second Annual Congress of the Iranian Society of Surgeons, Iran, <i>Oral presentation</i>	2000
127	Congress of Surgical Emergencies in Neonates, Iran, <i>Oral presentation</i>	1999
128	Twentieth Annual Congress of the Iranian Society of Surgeons, Iran, <i>Oral presentation</i>	1999

CONGRESS ATTENDANCE

Congress Title	Year
Annual Scientific Congress and Retraining of Iranian Surgeons, Iran	1999
Fifth National Congress of Anaesthesiology and Intensive Care, Iran	1998

Retraining seminar on common diseases during the Hajj season for medical, dental and pharmaceutical groups, Iran	1997
Twenty-third Regional Congress of the International Union Against Tuberculosis and Lung Diseases, Iran	1997
The fifth seminar on retraining common diseases in Hajj, Iran	1996
The first congress of Iranian neuroscience, Iran	1996
The First International Congress on Reconstructive Surgery of War organs and wounds, Iran	1996
4th International Congress of Neurology and Clinical Electrophysiology, Iran	1996
The role of hospital for Training Workshop in Primary Health Care, Iran	1995
Seminar on coordination and retraining of common diseases in Hajj, Iran	1994
Scientific Congress of Retraining of the Society of Surgeons of the Year, Iran	1992
Scientific Congress of Retraining of the Society of Surgeons, Iran	1990

EDITORIAL BOARD AND REVIEWER

- ❖ **Chairman and Editor in chief of *International Clinical Neuroscience journal***, Official journal of Functional Neurosurgery Research Centre, Shahid Beheshti University of Medical Sciences (August 2014)
- ❖ **Chairman of *Interventional Pain Medicine and Neuromodulation journal***, Private and self-founded Journal collaborating with FNRC, SBMU and USERN (*2019 to Now*)
- ❖ **Chairman of *Precision Medicine and Clinical OMICS journal***, Private and self-founded Journal collaborating with FNRC, SBMU (*2019 to Now*)
- ❖ **Chairman of *Journal of Iranian Medical Council***, Official journal of Iranian Medical Council (*2017 to Now*)
- ❖ **Editorial board of *Scientific Journal of Rehabilitation Medicine*** (*2021 to Now*)
- ❖ **Editorial board of *Journal of Cell, Gene and Therapy*** (*2021 to Now*)

- ❖ **Editorial board of *Journal of Arak University of Medical Sciences (2020 to Now)***
- ❖ **Editorial board of *Iranian Journal of Neurosurgery (2015 to Now)***
- ❖ **Editorial board of *International Journal of Cancer Management (2010 to Now)***
- ❖ **Editorial board of *Journal of Medical Law (2009 to Now)***
- ❖ **Editorial board of *International Journal of Medical Toxicology and Forensic Medicine (2009 to Now)***
- ❖ **Editorial board of *Iranian Journal of Forensic Medicine (2009 to Now)***

MEMBERSHIP

1. Member of **the Supreme Council of Scientific Centers of Medical Sciences**, the Ministry of Health and Medical Education (2022 to present)
2. Member of **Universal Scientific Research and Education Network (USERN)**, a scientific network with Nobel winners and researchers in all over the world (2020 to present)
3. Full Member of **Iranian Neuroscience Society** (2017 to present)
4. Founding member of **Shohada Tajrish Comprehensive Neurosurgical Center of Excellence (STNCE)** (2016 to present)
5. Associate member of **Iranian Academy of Medical Sciences** (2012 to present)
6. Member of the **University Development Council** at Minister of Health (2012- 2016)
7. Elected member of the Minister of Health in the **High Planning Council** (2011- 2016)
8. Member of Tehran **Municipality Health Strategic Council** (2009 to present)
9. Member of the **board of directors of Iranmehr Hospital** (2009 to present)
10. Member of the **Research Council of the National Health Research Centre** (2009 to present)
11. Member of the **Association of Neurosurgeons** (2008 to present)
12. Member of the **Medical Ethics Committee** of the Iranian Academy of Medical Sciences (2008 to present)
13. Member of the **Federation of World University Deans** (2007- 2008)
14. Member of the **Board of Trustees of Ilam University of Medical Sciences** (2007- 2010)
15. Member of the **Board of Trustees of Qom University of Medical Sciences** (2007- 2008)

16. Founding member of **Medical Proteomics Research Centre** (2006 to present)
17. Founding member of **Functional Neurosurgery Research Center** (2007 to present)
18. Member of **Research Council of Cancer Research Centre** (2006 to present)
19. Member of the **Board of Examiners of the Neurosurgery Board** (2005 to present)
20. Founding Member of the board of the **Research Center, Arts and Health Association** (2008 to present)
21. Member of the Specialized Committee of Surgical Clinical Sciences of **Razi Medical Sciences Research Festival** (2007 to present)
22. Member of the **7-member Commission for Special Cases** of the Ministry of Health (2005-2008)
23. Member of the **Supreme Council** of the Iran Medical Council (2005-2008)
24. Member of the **Board of Directors** of Tehran Medical Council (2004 to present)
25. Member of the Research Council of the **Iranian Medical council** (2002 to present)
26. Member of **Iranian Paediatric Neurology Association** (2002 to present)
27. Member of **Iran Neurosurgery Board** (2000 to present)
28. Member of the **Commission of Scientific Associations of the Ministry of Health** (1998- 2012)
29. Member of the **Board of Examiners**, Certificate in Neurosurgery (1996- 1999)
30. Member of the **Board of Trustees** of Shahid Beheshti University of Medical Sciences (1994-1998)
31. Member of the **National Board of Assistant Examiners** (1994-1997)
32. Member of the **Treatment Council of the Iran Ministry of Health** (1994-1996)
33. Member of the **Medical Services Development Council** of the Iran Medical Council (1994-1997)
34. Faculty Member of **Shahid Beheshti University of Medical Sciences**, Tehran, Iran (1994 to present)
35. Member of the **Cultural Council** of Shahid Beheshti University of Medical Sciences (1991-1994)
36. Member of **Iranian Medical Council (IRIMC)**, Medical Council number: 27836 (1990 to present)