

Curriculum Vitae



Personal Data

Name: Saeed Oraee-Yazdani

Date and place of birth: 06.07.1983/ Tehran/ Iran

Workplace: Department of Neurosurgery, Neurosurgical Comprehensive Center of Excellence, Shohada Tajrish Hospital, Tehran / Iran

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Study

1995- 2002: National Organization for Development Exceptional Talent (NODET), Diploma in natural sciences

2002- 2009: Tehran University of Medical Sciences, Tehran/Iran, MD degree

2011- 2016: Assistant of Neurosurgery, Shahid Beheshti University of Medical Sciences, Tehran/Iran. Getting first rank at Iranian neurosurgery board exam-2016

Since 2015: Member of Iranian National Elite Foundation

Teaching and Professional Experiences

2005-2007: Scientific Practical Courses, Students` Scientific Research Center, Tehran University of Medical Sciences

2007-2009: Research Institute of Neurosciences, Imam Khomeini Hospital complex, Tehran, Iran.

Since 2009: Research Assistant, Functional Neurosurgery Research Center, Tehran / Iran.

2011-2016: Assistant of Neurosurgery, Functional Neurosurgery Research Center, Department of Neurosurgery, Shohada-Tajrish Hospital, Shahid Beheshti University of Medical Sciences, Tehran / Iran.

Since 2016: Co-editor of International Clinical Neuroscience Journal

Congresses & Courses

□ International Student Congress of Medical Sciences (ISCOMS-2007), Groningen/Holland

Title: Using Single Channeled Polycaprolactone Scaffolds Containing Cells to Promote Spinal cord axonal Regeneration. (Accepted for oral presentation, award of the best abstract in basic sciences)

□ 22nd European Students Conference (ESC- 2011), Berlin/Germany

Title: A comparison between neurally induced bone marrow derived mesenchymal stem cells and olfactory ensheathing glial cells to repair spinal cord injuries in rat. (Oral presentation)

□ 23rd. European Students Conference (ESC- 2012), Berlin/ Germany

Title: Phase 1 clinical trial study for treatment of patients with chronic spinal cord injury by combination of autologous schwann cells and bone marrow mesenchymal stem cells. (Poster presentation)

□ Leiden International Medical Students Conference (LIMSC-2015), Leiden/Holland

Title: Co-transplantation of autologous bone marrow mesenchymal stem cells and Schwann cells through cerebral spinal fluid for treatment of patients with chronic spinal cord injury: safety and possible outcome. (Poster presentation)

□ 8th Istanbul Microneurosurgery Course, 7-16 Jun 2017, Istanbul/Turkey

Hands on microvascular anastomosis & hands on white matter dissection & live surgery

□ 13th international Congress of Iranian pain society (IASP Chapter), 1-3 Nov 2017, Tehran/Iran

Title: Application of Cell based Therapy to pain management (Oral presentation)

Title: PRP in pain management (Workshop presentation)

□ 14th International Congress of Immunology and Allergy (ICIA 2018), 26-28 April 2018, Tehran/Iran

Title: Preliminary Results of a Phase I Trial in Patients with Primary Malignant Gliomas using Transfected Mesenchymal Stem Cell with Herpes Simplex-Thymidine Kinase/Ganciclovir Complex (Oral presentation)

□ 1st International Iranian Tissue Engineering and Regenerative Medicine Congress (ITERM), 18-20 July 2018, Tehran/Iran

Title: Intraventricular Autologous Mesenchymal Stem Cell injection with navigation to treatment of Amyotrophic Lateral Sclerosis: Preliminary Results of a Phase I Trial (Oral presentation)

□ The international and interim congress of Iranian neurosurgeons, 3-5 Oct 2018, Babol/Iran

Title: Preliminary results of Musculocutaneous Nerve Transfer to Median Nerve for Restoration of Upper Extremity Function in Cervical Spinal Cord Injury: Case Series (Oral presentation)

□ World Federation Neurosurgical Societies (WFNS 2019) Special World Congress (The Last Interim Meeting), 9-12 Sep 2019, Beijing/China

Title: Safety and Feasibility Assessment of Bone Marrow Mesenchymal Stem Cells Transplantation Containing Suicidal Gene in Combination with Pro-drug to Treatment of Patients with Glioblastoma Multiform- Preliminary Results (Poster presentation)

Title: Covering of Plate after Anterior Cervical Fusion in Patients with Complete Spinal Cord Injury to Prevent Esophageal Injury: Technical Note (Poster presentation)

□ **The international and interim congress of Iranian neurosurgeons, 23-25 Oct 2019, Kashan/Iran**

Title: Effects of Perioperative Magnesium Sulfate Infusion on Intraoperative Blood loss and Postoperative Analgesia in Patients undergoing Posterior Lumbar Spinal Fusion Surgery: A Randomized Controlled Trial (Oral presentation)

□ **7th international congress on critical care, 8-10 Jan 2020, Tehran/Iran**

Title: Enhanced Recovery After Surgery (ERAS) in Neurosurgery (Invited Speaker)

Publications

□ Shafiee A, Kabiri M, Ahmadbeigi N, **Yazdani SO**, Mojtahed M, Amanpour S, Soleimani M. Nasal Septum Derived Multipotent Progenitors: A Potent Source of Stem Cells. **Stem Cells Dev.** **2011**; 20 (12): 2077-91

□ **Yazdani SO**, Golestaneh AF, Shafiee A, Hafizi M, Omrani HA, Soleimani M. Effect of low level laser on Proliferation and Neural Gene Expression of Human Schwann Cells in Vitro. **J Photochem Photobiol B.** **2012**; 6; 107: 9-13

□ **Yazdani SO**, Pedram M, Hafizi M, Kabiri M, Soleimani M, Dehghan MM, Jahanzad I, Gheisari Y, Hashemi SM. A comparison between neural induced Bone Marrow Mesenchymal Stem Cell and Olfactory Ensheathing Cell for Spinal Cord Repair in Rat. **Tissue Cell.** **2012**; 44(4): 205-13.

□ **Yazdani SO**, Hafizi M, Zali AR, Atashi A, Ashrafi F, Seddighi AS, Soleimani M. Safety and possible outcome assessment of autologous Schwann cell and bone marrow mesenchymal stromal cell co-transplantation for treatment of patients with chronic spinal cord injury. **Cytotherapy.** **2013**;15 (7): 782-91.

This Article was cited in *Youmans and Winn Neurosurgical Surgery, 7th edition.* Chapter 277 (Pathophysiology and Treatment of Spinal Cord Injury).

□ Kabiri M, **Oraee-Yazdani S**, Shafiee A, Hanaee-Ahvaz H, Dodel M, Vaseei M, Soleimani M. Neuroregenerative effects of olfactory ensheathing cells transplanted in a multi-layered conductive nanofibrous conduit in peripheral nerve repair in rats. **J Biomed Sci.** **2015**; 20; 22-35.

□ Kabiri M, **Oraee-Yazdani S**, Dodel M, Hanaee-Ahvaz H, Soudi S, Seyedjafari E, Salehi M, Soleimani M. Cytocompatibility of a conductive nanofibrous carbon nanotube/poly (L-Lactic acid) composite scaffold intended for nerve tissue engineering. **EXCLI J.** **2015**; 27(14):851-60.

□ **Oraee-Yazdani S**, Hafizi M, Atashi A, Ashrafi F, Seddighi AS, Hashemi SM, Seddighi A, Soleimani M, Zali A. Co-transplantation of autologous bone marrow mesenchymal stem cells and Schwann cells through cerebral spinal fluid for the treatment of patients with chronic spinal cord injury: safety and possible outcome. **Spinal Cord.** **2016**; 54(2):102-9

□ **Saeed Oraee-Yazdani**, Mahboube Kabiri, Maryam Oraee-Yazdani, Ali-Reza Zali, Right upper quadrant abdominal pain due to malposition of the tip of the distal catheter of ventriculoperitoneal shunt. **Interdisciplinary Neurosurgery.** **2018**; 14: 70-71

□ Hashemi M, Zali A, Hashemi J, **Oraee-Yazdani S**, Akbari A. Down-regulation of 14-3-3 zeta sensitizes human glioblastoma cells to apoptosis induction. **Apoptosis.** **2018**; 23(11-12):616-625

- Ashrafi, F; Zali, AR; Pakdaman, H; Behnam, B; Ahmadi, MA; Harandi, AA; **Oraee-Yazdani, S.** A Review on Stem Cell Therapy in Cerebral Palsy with a Focus on Motor Function Improvement. **Archives of Neuroscience.** **2018** Jan; 5(1)
- Leila Dehghani, Arash Khojaste, **Saeed Oraee Yazdani**, Marjan Oustad, Masoud Soleimani. Role of mesenchymal stem cells derived exosomes therapy in neuronal remodeling after ischemic stroke. **Minerva Med.** **2019**; Oct 14, [Epub ahead of print]
- **Saeed Oraee-Yazdani**, Maryam Golmohammadi, Mohammadhosein Akhlaghpasand, Maryam Oraee-Yazdani, Covering of Plate after Anterior Cervical Fusion in Patients with Complete Spinal Cord Injury to Prevent Esophageal Injury: Technical Note. **Journal of Neurological Surgery Part A.** **2020** [Epub ahead of print]
- Masih Ebrahimi Dehkordy, Roozbeh Tavanaei, Elahe Younesi, Shayesteh Khorasanizade 1, Hamidreza Azizi Farsani, **Saeed Oraee-Yazdani.** Effects of Perioperative Magnesium Sulfate Infusion on Intraoperative Blood loss and Postoperative Analgesia in Patients undergoing Posterior Lumbar Spinal Fusion Surgery: A Randomized Controlled Trial. **Clin Neurol Neurosurg.** **2020** Jun 2; 196:105983.

Further qualifications

- **Cell Biology:** cell culture (primary culture), flow cytometry, immunocytochemistry, immunohistochemistry, MTT test, cell separation procedures, familiar with cell differentiation in vitro
- **Molecular biology:** RNA extraction, RT-PCR, real time PCR, gel electrophoresis, gene transfer
- **Nano-medicine:** familiar with nanostructured scaffolds specially in neural repair field
- **Animal models:** Ability to design animal models for neural repair study especially spinal cord and peripheral nerve injury models.

Languages

Persian, English (B2), German (B1)