In the name of God, the compassionate and the merciful

Curriculum Vitae

Address: Department of Anatomical Sciences, School of Medicine, Isfahan University of Medical Science,

P.O. Box:81744-176, Esfahan, IRAN.

TEL: 00983117922443 **FAX**: 00983117922517

E-MAIL: ho_salehi@med.mui.ac.ir, psalehi2002@gmail.com, hossein.salehi@unito.it

Personal Information:

Surname: **Hossein** Last name: **Salehi Rozveh**

Gender: **Male**

Marriage statue: **Married, Two children**

Nationality: **Iranian**

Date of birth: year: **1977** month: **6** day: **12**

Place of Birth: **Isfahan**

Occupation: **Associate professor and head of anatomical sciences department, School of medicine, Isfahan University of Medical Sciences, Iran (http://med.mui.ac.ir)**

https://www.scopus.com/authid/detail.uri?authorId=35741800600

https://scholar.google.com/citations?user=UMMTj6YAAAAJ&hl=en

Educational background:

Degree	Major	University	Date	Average
Researcher	SCI and Cell transplantation	NICO, Turin University, Torino, Italy	2010-2011	
Ph.D	Anatomical sciences (**Histology and embryology**)	Isfahan University of Medical Sciences and Royan Institute	2005-2011	18.7 from 20
M.Sc	Histology	Kermanshah University of Medical Sciences	2000-2003	18.21 from 20
B.Sc	Nursing	Isfahan University of Medical Sciences	1996-2000	17 from 20

Research/Employment History

1. Head of anatomical sciences department in Isfahan University of Medical Science: Since Nov 2021.
2. Associate Professor in Isfahan University of Medical Science: Since July 2018.
3. Assistant Professor in Isfahan University of Medical Science: August 2011 - July 2018

4. Researcher at NICO, Turin University, Turin, Italy; 2010-2011
5. Researcher at Royan institute, Isfahan Campus, Iran; March 2008-December 2010
6. Lecturer in Arak University of Medical Science: September 2003-January 2006 (as my military services)

Teaching experiences:

- **Histology** (For graduate, medical, dentistry, pharmacology, midwifery, laboratory sciences, and speech therapy students)
- **Embryology** (For graduate, Medical, Dentistry and Midwifery students)
- **Histological microtechniques** (for Graduate students)
- **Cell biology** (for graduate students)
- **Cell culture** (for graduate students)
- **Functional histology** (for Medical and Dentistry students of Isfahan University of Medical Sciences)
- **Anatomy** (for medical students of Isfahan University of Medical Sciences)
- **Image analysis software** (For academic members and graduate students)

Honors / Awards

- **Ranked First** in M.Sc of Histology. Kermanshah University of Medical Sciences.
- **Ranked First** in PhD entrance exam, Isfahan University of Medical Sciences.
- **Ranked First** in PhD of Anatomical Sciences, Isfahan University of Medical Sciences.
- **Best Instructor**, School of Medicine, Isfahan University of Medical Sciences, November 2016, Isfahan, Iran.
- **Supervisor of students of** Isfahan University of Medical Sciences for the 10th national scientific Olympiad on the subject of "cell therapy", since December 2017.
- **Research Grant** from National Institute for Medical Research Development, Tehran, Iran.
- **Research Grant** from Iran national Science Foundation, Tehran, Iran.
- **Best Speech Award** in "1st Annual Conference on Neural stem cells,27-28 Oct 2011, Tehran" for "Neuronal induction and regional identity by co-culture of adherent human embryonic stem cells with chicken notochords and somites".

Publications:

1. Alidadi Shamsabadi Z, Mahdavi H, Shojaei S, Salehi H, Valiani A. Physicomechanical and cellular behavior of 3D printed polycaprolactone/poly (lactic-co-glycolic acid) scaffold containing polyhedral oligomeric silsesquioxane and extracellular matrix nanoparticles for cartilage tissue engineering. Polymers for Advanced Technologies. 2022;33(9):2774-86.
2. Dezfuly AR, Safaee A, Amirpour N, Kazemi M, Ramezani A, Jafarinia M, Salehi H, et al. Therapeutic effects of human adipose mesenchymal stem cells and their paracrine agents on sodium iodate induced retinal degeneration in rats. J Life Sciences. 2022;300:120570.
3. Fakhrali A, Semnani D, Salehi H, Ghane M. Electro-conductive nanofibrous structure based on PGS/PCL coated with PPy by in situ chemical polymerization applicable as cardiac patch: Fabrication and optimization. Journal of Applied Polymer Science. 2022;139(19):52136.
4. Majidnia E, Ahmadian M, Salehi H, Amirpour N. Development of an electrospun poly (ε-caprolactone)/collagen-based human amniotic membrane powder scaffold for culturing retinal pigment epithelial cells. Scientific Reports. 2022;12(1):1-17.
5. Mehrasa M, Doostmohammadi M, Forootanfar H, Amini S, Salehi H, Amirpour N. Silica nano particles embedded in random and aligned PLGA/gelatin electrospun nano fibers improve growth and differentiation of human adipose-derived stem cells into anterior neuroectodermal cells. J Materials Today Communications. 2022;31:103461.
6. Yoosefi M, Nabipour A, Ganjalikhani Hakemi M, Ashja-Arvan M, Amirpour N, Salehi H. Transplantation of human adipose derived stem cells with co-overexpressed Leukemia inhibitory

factor and beta interferon promote recovery in experimental autoimmune encephalomyelitis (EAE). scientific reports. 2022.

7. Saudi A, Zebarjad SM, **Salehi H**, Katoueizadeh E, Alizadeh A. Assessing physicochemical, mechanical, and in vitro biological properties of polycaprolactone/poly (glycerol sebacate)/hydroxyapatite composite scaffold for nerve tissue engineering. Materials Chemistry and Physics. 2022;275:125224.
8. Shariati Najafabadi S, Amirpour N, Amini S, Zare N, Kazemi M, **Salehi H**. Human adipose derived stem cell exosomes enhance the neural differentiation of PC12 cells. Molecular Biology Reports. 2021;48(6):5033-43.
9. Rajool Dezfuly A, Safaee A, **Salehi H**. Therapeutic effects of mesenchymal stem cells-derived extracellular vesicles' miRNAs on retinal regeneration: a review. Stem Cell Research & Therapy. 2021;12(1):530.
10. Fakhrali A, Poursharifi N, Nasari M, Semnani D, **Salehi H**, Ghane M, et al. Fabrication and characterization of PCL/Gel nanofibrous scaffolds incorporated with graphene oxide applicable in cardiac tissue engineering. Polymer-Plastics Technology and Materials. 2021;60(18):2025-41.
11. Fakhrali A, Nasari M, Poursharifi N, Semnani D, **Salehi H**, Ghane M, et al. Biocompatible graphene-embedded PCL/PGS-based nanofibrous scaffolds: A potential application for cardiac tissue regeneration. Journal of Applied Polymer Science. 2021;138(40):51177.
12. Bakhtiari M, Ghasemi N, **Salehi H**, Amirpour N, Kazemi M, Mardani M. Evaluation of Edaravone effects on the differentiation of human adipose derived stem cells into oligodendrocyte cells in multiple sclerosis disease in rats. Life Sciences. 2021;282:119812.
13. Baghbadorani MA, Bigham A, Rafienia M, **Salehi H**. In vitro Studies of Polycaprolactone Nanofibrous Scaffolds Containing Novel Gehlenite Nanoparticles. J Med Signals Sens. 2021;11(2):131-7.
14. Baghbadorani MA, Bigham A, Rafienia M, **Salehi H**. A ternary nanocomposite fibrous scaffold composed of poly(ε-caprolactone)/Gelatin/Gehlenite (Ca2Al2SiO7): Physical, chemical, and biological properties in vitro. Polymers for Advanced Technologies. 2021;32(2):582-98.
15. Amini S, **Salehi H**, Setayeshmehr M, Ghorbani M. Natural and synthetic polymeric scaffolds used in peripheral nerve tissue engineering: Advantages and disadvantages. Polymers for Advanced Technologies. 2021;32(6):2267-89.
16. Teimourinejad A, Hashemibeni B, **Salehi H**, Mostafavi FS, Kazemi M, Bahramian H. Chondrogenic activity of two herbal products; pomegranate fruit extract and avocado/soybean unsaponifiable. Res Pharm Sci. 2020;15(4):358-66.
17. Soleymani Eil Bakhtiari S, Karbasi S, Hassanzadeh Tabrizi SA, Ebrahimi-Kahrizsangi R, **Salehi H**. Evaluation of the effects of chitosan/multiwalled carbon nanotubes composite on physical, mechanical and biological properties of polymethyl methacrylate-based bone cements. Materials Technology. 2020;35(5):267-80.
18. Parvizifard M, Karbasi S, **Salehi H**, Soleymani Eil Bakhtiari S. Evaluation of physical, mechanical and biological properties of bioglass/titania scaffold coated with poly (3-hydroxybutyrate)-chitosan for bone tissue engineering applications. Materials Technology. 2020;35(2):75-91.
19. Karimi Tar A, Karbasi S, Naghashzargar E, **Salehi H**. Biodegradation and cellular evaluation of aligned and random poly (3-hydroxybutyrate)/chitosan electrospun scaffold for nerve tissue engineering applications. Materials Technology. 2020;35(2):92-101.
20. Jafarinia M, Alsahebfosoul F, **Salehi H**, Eskandari N, Ganjalikhani-Hakemi M. Mesenchymal Stem Cell-Derived Extracellular Vesicles: A Novel Cell-Free Therapy. Immunol Invest. 2020;49(7):758-80.
21. Jafarinia M, Alsahebfosoul F, **Salehi H**, Eskandari N, Azimzadeh M, Mahmoodi M, et al. Therapeutic effects of extracellular vesicles from human adipose-derived mesenchymal stem cells on chronic experimental autoimmune encephalomyelitis. Journal of Cellular Physiology. 2020;235(11):8779-90.

22. Fakhrali A, Semnani D, **Salehi H**, Ghane M. Electrospun PGS/PCL nanofibers: From straight to sponge and spring-like morphology. Polymers for Advanced Technologies. 2020;31(12):3134-49.
23. Eslami A, Dehbashi M, Ashja-Arvan M, **Salehi H**, Azimzadeh M, Ganjalikhani-Hakemi M. Assessment of ability of human adipose derived stem cells for long term overexpression of IL-11 and IL-13 as therapeutic cytokines. Cytotechnology. 2020;72(5):773-84.
24. Eskandarinia A, Kefayat A, Gharakhloo M, Agheb M, Khodabakhshi D, Khorshidi M, et al. A propolis enriched polyurethane-hyaluronic acid nanofibrous wound dressing with remarkable antibacterial and wound healing activities. Int J Biol Macromol. 2020;149:467-76.
25. Azimzadeh M, Mahmoodi M, Kazemi M, Hakemi MG, Jafarinia M, Eslami A, et al. The immunoregulatory and neuroprotective effects of human adipose derived stem cells overexpressing IL-11 and IL-13 in the experimental autoimmune encephalomyelitis mice. International Immunopharmacology. 2020;87:106808.
26. Ashja-Arvan M, Dehbashi M, Eslami A, **Salehi H**, Yoosefi M, Ganjalikhani-Hakemi M. Impact of IFN-β and LIF overexpression on human adipose-derived stem cells properties. J Cell Physiol. 2020;235(11):8736-46.
27. Asgari V, Landarani-Isfahani A, **Salehi H**, Amirpour N, Hashemibeni B, Kazemi M, et al. Direct Conjugation of Retinoic Acid with Gold Nanoparticles to Improve Neural Differentiation of Human Adipose Stem Cells. J Mol Neurosci. 2020;70(11):1836-50.
28. Amini S, Saudi A, Amirpour N, Jahromi M, Najafabadi SS, Kazemi M, et al. Application of electrospun polycaprolactone fibers embedding lignin nanoparticle for peripheral nerve regeneration: In vitro and in vivo study. International Journal of Biological Macromolecules. 2020;159:154-73.
29. Naderi P, Zarei M, Karbasi S, **Salehi H**. Evaluation of the effects of keratin on physical, mechanical and biological properties of poly (3-hydroxybutyrate) electrospun scaffold: Potential application in bone tissue engineering. European Polymer Journal. 2020;124:109502.
30. Afarin Karimi Tar, Saeed Karbasi, Elham Naghashzargar & **Hossein Salehi** (2019) Biodegradation and cellular evaluation of aligned and random poly (3-hydroxybutyrate)/chitosan electrospun scaffold for nerve tissue engineering applications, Materials Technology, 35:2, 92-101, DOI: 10.1080/10667857.2019.1658170
31. Maryam Parvizifard, Saeed Karbasi, **Hossein Salehi** & Sanaz Soleymani Eil Bakhtiari (2020) Evaluation of physical, mechanical and biological properties of bioglass/titania scaffold coated with poly (3-hydroxybutyrate)-chitosan for bone tissue engineering applications, Materials Technology, 35:2, 75-91, DOI: 10.1080/10667857.2019.1658169
32. Sanaz Soleymani Eil Bakhtiari, Saeed Karbasi, Sayed Ali Hassanzadeh Tabrizi, Reza Ebrahimi-Kahrizsangi & **Hossein Salehi** (2019) Evaluation of the effects of chitosan/multiwalled carbon nanotubes composite on physical, mechanical and biological properties of polymethyl methacrylate-based bone cements, Materials Technology, DOI: 10.1080/10667857.2019.1678086
33. **Salehi H**, Razavi S, Esfandiari E, Kazemi M, Amini S, Amirpour N. Application of Hanging Drop Culture for Retinal Precursor-Like Cells Differentiation of Human Adipose-Derived Stem Cells Using Small Molecules. Journal of Molecular Neuroscience. 2019;69(4):597-607.
34. Felfelian AM, Baradaran Najar A, Jafari Nedoushan R, **Salehi H**. Determining constitutive behavior of the brain tissue using digital image correlation and finite element modeling. Biomechanics and Modeling in Mechanobiology. 2019;18(6):1927-45.
35. Asgari V, Landarani-Isfahani A, **Salehi H**, Amirpour N, Hashemibeni B, Rezaei S, et al. The Story of Nanoparticles in Differentiation of Stem Cells into Neural Cells. Neurochemical Research. 2019;44(12):2695-707.
36. Saudi A, Amini S, Amirpour N, Kazemi M, Zargar Kharazi A, **Salehi H**, et al. Promoting neural cell proliferation and differentiation by incorporating lignin into electrospun poly(vinyl alcohol) and poly(glycerol sebacate) fibers. Materials Science and Engineering: C. 2019;104:110005.

37. Toloue EB, Karbasi S, **Salehi H**, Rafienia M. Evaluation of Mechanical Properties and Cell Viability of Poly (3-Hydroxybutyrate)-Chitosan/Al2O3 Nanocomposite Scaffold for Cartilage Tissue Engineering. J Med Signals Sens. 2019;9(2):111–116. doi:10.4103/jmss.JMSS_56_18
38. Ahmad Saudi, Mohammad Rafienia, Anousheh Zargar Kharazi, **Hossein Salehi**, Ali Zarrabi, Mehdi Karevan (2019): Design and fabrication of poly (glycerol sebacate)-based fibers for neural tissue engineering: Synthesis, electrospinning, and characterization. Polym Adv Technol. 2019;1–14.
39. Elahe Bahremandi Toloue, Saeed Karbasi, **Hossein Salehi** and Mohammad Rafienia (2019): Potential of an Electrospun Composite Scaffold of Poly (3-hydroxybutyrate)-Chitosan/ Alumina Nanowires in Bone Tissue Engineering Applications. Materials Science & Engineering C. DOI: 10.1016/j.msec.2019.02.062
40. Mansoureh Sattary, Mohammad Rafienia, Mohammad Kazemi, **Hossein Salehi***, Mohammad Mahmoudzadeh (2019): Promoting effect of nano hydroxyapatite and vitamin D3 on the osteogenic differentiation of human adipose-derived stem cells in polycaprolactone/gelatin scaffold for bone tissue engineering. Materials Science and Engineering: C. 97, 141-155.
41. Noushin Amirpour, Shiva Amirizade, Batoul Hashemibeni, Mohammad Kazemi, Mehdi Hadian, **Hossein Salehi*** (2019): Differentiation of eye field neuroectoderm from human adipose-derived stem cells by using small-molecules and hADSC-conditioned medium. Annals of Anatomy; 221;17-26.
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44. Salimian J*, Mirzaei H, Moridikia A, Harchegani AB, Sahebkar A, **Salehi H**. (2018): Chronic obstructive pulmonary disease: MicroRNAs and exosomes as new diagnostic and therapeutic biomarkers. Journal of research in medical sciences: the official journal of Isfahan University of Medical Sciences; 2018;23:27
45. Razavi SR*, Ghasemi N, Mardani M, **Salehi H**. (2018):Co-transplantation of human neurotrophic factor secreting cells and adipose-derived stem cells in rat model of multiple sclerosis. Cell Journal (Yakhteh);20(1):46.
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47. Mirzaei H*, Sahebkar A, Sichani LS, Moridikia A, Nazari S, Sadri Nahand J, **Salehi H**, Stenvang J, Masoudifar A, Mirzaei HR. (2018):Therapeutic application of multipotent stem cells. Journal of cellular physiology;233(4):2815-23.
48. Mirzaei H*, Momeni F, Saadatpour L, Sahebkar A, Goodarzi M, Masoudifar A, Kouhpayeh S, **Salehi H**, Mirzaei HR*, Jaafari MR*. (2018):MicroRNA: Relevance to stroke diagnosis, prognosis, and therapy. Journal of cellular physiology;233(2):856-65.
49. Chatraie M, Torkaman G, Khani M, **Salehi H**, Shokri B*. (2018):In vivo study of non-invasive effects of non-thermal plasma in pressure ulcer treatment. Scientific reports;8(1):5621.
50. **Salehi H**, Mehrasa M, Nasri-Nasrabadi B, Doostmohammadi M, Seyedebrahimi R, Davari N, Rafienia M, Hosseinabadi ME, Agheb M, Siavash M*. (2017):Effects of nanozeolite/starch thermoplastic hydrogels on wound healing. Journal of research in medical sciences: the official journal of Isfahan University of Medical Sciences;22.

51. **Salehi H**, Amirpour N*, Razavi S, Esfandiari E, Zavar R. (2017):Overview of retinal differentiation potential of mesenchymal stem cells: A promising approach for retinal cell therapy. Annals of Anatomy-Anatomischer Anzeiger;210:52-63.
52. Razavi S*, Ghasemi N, Mardani M, **Salehi H**. (2017):Remyelination improvement after neurotrophic factors secreting cells transplantation in rat spinal cord injury. Iranian journal of basic medical sciences;20(4):392.
53. Pasandi MS, Shirazi FH, Gholami MR, **Salehi H**, Najafzadeh N, Mazani M, Hamidabadi HG, Niapour A*. (2017):Epi/perineural and Schwann Cells as Well as Perineural Sheath Integrity are Affected Following 2, 4-D Exposure. Neurotoxicity research;32(4):624-38.
54. Naseri L, Amirpour N, Bahramian H, **Salehi H***. (2017):Investigating the Effect of Co-culturing Human Adipose-Derived Stem Cells on Retinal Cells Survival and Migration in Vitro Environment. Jornal Of Isfahan Medical School(412):1544-9. Paper language: Persian
55. Ebrahimi-Fard A, Tavakoli M*, **Salehi H**, Emami H. (2017):Synergetic effects of Docetaxel and ionizing radiation reduced cell viability on MCF-7 breast cancer cell. Applied Cancer Research;37(1):29.
56. Amirpour N, Razavi S, Esfandiari E, Hashemibeni B, Kazemi M, **Salehi H***. (2017):Hanging drop culture enhances differentiation of human adipose-derived stem cells into anterior neuroectodermal cells using small molecules. International Journal of Developmental Neuroscience;59:21-30.
57. Amirizadeh S, **Salehi H**, Hashemibeni B, Bahramian H, Amirpour N*. (2017):Differentiation of human adipose-derived stem cells toward neural cells using their conditioned medium. Journal of Isfahan Medical School;35(435):726-30. Paper language: Persian
58. Agheb M, Dinari M, Rafienia M*, **Salehi H**. (2017):Novel electrospun nanofibers of modified gelatin-tyrosine in cartilage tissue engineering. Materials Science and Engineering: C;71:240-51.
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61. Rouhi S, **Salehi H**, Amirpour N*. (2016): The role of neural crest cells in development and formation of ear and eye. Journal of Isfahan Medical School;33(358):1943-52. Paper language: Persian
62. Reza Mirzaei H, Sahebkar A, Mohammadi M, Yari R, **Salehi H**, Hasan Jafari M, Namdar A, Khabazian E, Reza Jaafari M*, Mirzaei H*. (2016):Circulating microRNAs in hepatocellular carcinoma: potential diagnostic and prognostic biomarkers. Current pharmaceutical design;22(34):5257-69.
63. Niapour N, Shokri S, Amani M, Pasandi M, **Salehi H**, Niapour A*. (2016):Effects of all trans retinoic acid on apoptosis induction and notch1, hes1 genes expression in gastric cancer cell line MKN-45. Koomesh;17(4).
64. Gasemi N, Razavi S*, **Salehi H**. (2016):Improvement of Myelin Ultrastructure after Transplantation of Human Adipose Tissue-Derived Stem Cell in Rat Multiple Sclerosis Model. Journal of Isfahan Medical School;33(366):2333-40.
65. Mirzaei H, **Salehi H**, Sahebkar A, Avan A, Jaafari MR, Namdar A, Rezaei A, Mirzaei HR*. (2016):Deciphering biological characteristics of tumorigenic subpopulations in human colorectal cancer reveals cellular plasticity. Journal of research in medical sciences, 2016;21:64.
66. Mirzaei H*, Sahebkar A, Avan A, R Jaafari M, Salehi R, **Salehi H**, Baharvand H, Rezaei A, Hadjati J, M Pawelek J*. (2016):Application of mesenchymal stem cells in melanoma: a potential therapeutic strategy for delivery of targeted agents. Current medicinal chemistry;23(5):455-63.
67. Mirzaei H, Naseri G, Rezaee R, Mohammadi M, Banikazemi Z, Mirzaei HR, **Salehi H**, Peyvandi M, Pawelek JM, Sahebkar A*. (2016):Curcumin: A new candidate for melanoma therapy? International journal of cancer;139(8):1683-95.

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99. KHAZAEI M*, SALEHI H. (2005):EPIDEMIOLOGY OF TWIN PREGNANCY IN MOTAZEDI HOSPITAL OF KERMANSHAH DURING 1998-2000. IRANIAN JOURNAL OF OBSTETRICS, GYNECOLOGY AND INFERTILITY 7(2):50-5. Paper language: Persian

Cover page of International Journals related to publications:

Immunofluorescence micrograph of differentiated neurons by co-culture of human embryonic stem cell-derived neural progenitors with chicken somites showed dorsalization. PAX7/TUJ1/DAPI, (Salehi et al., 2012)

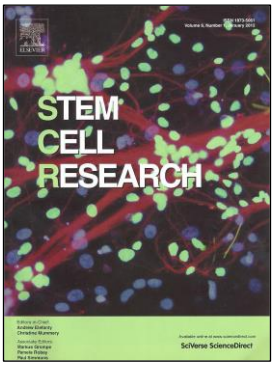
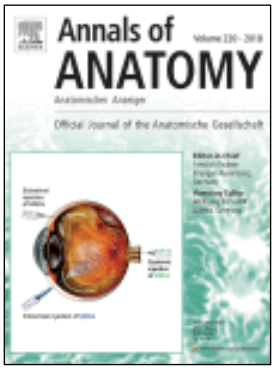


Figure 3 of Overview of retinal differentiation potential of mesenchymal stem cells: A promising approach for retinal cell therapy, Routs of MSCs transplantation, (Salehi et al., 2017)



Oral Presentation in Congress:

Salehi Hossein, Khadijeh Karbalaie, Shahnaz Razavi, Somaieh Tanhaee, Marziyeh Nematolahi, Mohsen Sagha, Mohammad Hossein Nasr-Esfahani and Hossein Baharvand:" ***Neuronal induction of adherent human embryonic stem cells***", ***Oral presentation in*** May 2012, 10th International congress of Anatomical Sciences, Rasht University of Medical sciences.

Hossein Salehi, Mohamad Mardani, Hamid Bahramai: ***New approaches in embryology teaching***. ***Oral presentation in*** 1st National congress of educational methods in biomedical sciences,29-31 Aug 2012, Isfahan.

Hossein Salehi, Khadijeh Karbalaie, Shahnaz Razavi, Somaieh Tanhaee, Marziyeh Nematolahi, Mohsen Sagha, Mohammad Hossein Nasr-Esfahani and Hossein Baharvand: ***Neuronal induction and regional identity by co-culture of adherent human embryonic stem cells with chicken notochords and somites***. ***Oral presentation in*** 1st Annual Conference on Neural stem cells,27-28 Oct 2011,Tehran.

Hossein Salehi, Khadijeh Karbalaie, AhmadSalamian, Abbas Kiani, Shahnaz Razavi, Mohammad Hossein Nasr-Esfahani, Hossein Baharvand: ***Neural fate of human embryonic stem cells derived neural precursor cells following chick embryonic somites and notochord co-culture***. ***Oral presentation in*** 7th Congress on stem cell biology& technology,6-9 Sep 2011, Tehran

Salehi Hossein, Khazaei M, Ghorbani R, Pormotabbed A, Bahrami Gh**:"Evaluation of protective effect of Falcaria vulgaris extract on ethanol induced gastric ulcer in rat",**May 2003**, *Oral presentation in*** in 16th congress of Physiology&Pharmacology ,University of Tarbiat Modares,Tehran Iran.

Participation in Workshop:

Quantitative analysis of images,"theoretical principles and practical applications of the most advanced techniques of quantification and timing of biological events multidimentioanli bright field and fluorescence" in Neuroscience Institute of the Cavalieri Ottolenghi Foundation (NICO), Turin University, Torino, Italy. 10 Feb. 2011

Neurohistology in The 2nd Congress on applied Biology, Islamic Azad University of Mashhad,Iran.29-30 Sep. 2004

Technical Experience

Expert in:

- Cell culture
- Neural differentiation of Stem Cells
- Extraction and culture of Mouse Bone Marrow Mesenchymal Stem Cells and Human ADSCs
- SCI induction
- NPC extraction of mouse and chicken embryo
- Cell transfection
- Cell transplantation
- Chicken embryo dissection
- RT-PCR, Real time, IHC, ICC, WB, IF
- Fluorescence and Confocal microscope
- Image duantification (Working with Neurolucida, Shown image and Image J softwares)
- Stereology methods
- Tissue engineering
- Extraction of Herbal Medicine
- Comprehensive experience in data analysis using SAS, SPSS, Excel

Conference activities

- **Session co-chair,** 1st National congress of educational methods in biomedical sciences,29-31 Aug 2012, Isfahan.

National/International Societies Membership

- Member of **Neurobiology and Regenerative Medicine Program Initiative** (NRMPI) in Royan institute, Tehran (Dec 2011-present): "http://www.royaninstitute.org/cmsen/index.php?option=com_content&task=view&id=451&Itemid=40".

Executive activities:

- Editorial Board member of **Journal of Research in Medical Sciences** (June 2015-present).
- Editorial Board member of **International Journal of Preventive Medicine** (June 2015-present).
- Editorial Board member of **Research Journal of Stem Cell Therapy and Transplantation** (Nov 2018-present)
- Editorial Board member of **Journal of Stem Cell Therapy and Transplantation** (Nov 2018-present)
- **Head of the department of anatomical sciences** (Nov 2021-present).
- **Vice President of deputy of education** in of medical faculty (Sep 2017-present)
- Member of **promotion committee** of medical faculty (Dec 2014-present).
- Member of **graduated student committee** of medical faculty (Sep 2015-present).
- Member of **counseling and guidance committee** of medical faculty (Sep 2015-present).