



Rafieh Alizadeh

Research Assistant Professor of Anatomical Sciences

DoB: 1984/10/8
Marital Status: Married



nafiseh.alizadeh@gmail.com



(+98)9120915313



ENT, Head & neck center, Hazrat rasoul Hospital, Sattarkhan St. Tehran, Iran, Tehran, Iran

About

Research Assistant Professor of Anatomical Sciences ENT and Head & Neck Research Center Five Senses Health Research Institute Iran University of Medical Sciences

Education

- Bachelor of Midwifery 2002 - 2006
Institute/University: Tabriz University of Medical Sciences
- Master of Anatomical Sciences 2008 - 2010
Institute/University: Tehran University of Medical Sciences
- Doctorate of Anatomy 2010 - 2014
Institute/University: Iran University of Medical Sciences

Work Experiences

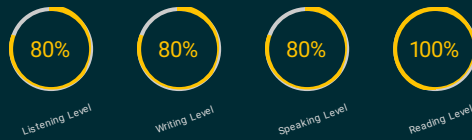
- Scientific research 2015 - 2019
University: Hazrat rasoul Hospital
- ENT panel member 2018 - 2018
Educational Institutions: International Iranian Tissue Engineering and Regeneration Medicine Congress
- Member of the specialized olfactory panel 2016 - 2016
Hospital: Hazrat rasoul Hospital
- Member of the specialized olfactory panel 2017 - 2021
Educational Institutions: Iran University of Medical Sciences
- Member of the specialized olfactory panel 2018 - 2020
University: Iran University of Medical Sciences

Skills

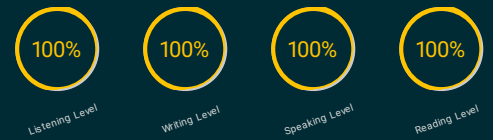
Cell Culture	◆◆◆◆◆	Research and literature search	◆◆◆◆◆
Proposal writing	◆◆◆◆◆	all microsoft office software	◆◆◆◆◆
spss, endnote	◆◆◆◆◆		

Languages

● English



● Persian



Certificates

- Search 2 Date: 2006
Institute: Tehran University of Medical Sciences
- Systematic Review Date: 2007
Institute: Tehran University of Medical Sciences
- Culture and staining sperm and ovary Date: 2008
Institute: Tehran University of Medical Sciences
- Search 3 Date: 2008
Institute: Tehran University of Medical Sciences
- Endnote Date: 2008
Institute: Tehran University of Medical Sciences
- Scientific writing Date: 2008
Institute: Tehran University of Medical Sciences
- Scientific writing (Advanced) Date: 2009
Institute: Tehran University of Medical Sciences
- IVF Date: 2009
Institute: Tehran University of Medical Sciences
- Plastination Date: 2010
Institute: Tehran University of Medical Sciences

Researches

- Effect of Aminoguanidine in sperm parameters and DNA fragmentation in varicocele rats
Title of MSc thesis
- Isolation and culture of adult human olfactory bulb and differentiation to dopaminergic neurons
Title of PhD thesis
- Moore anatomy (Upper limb) Date: 2008
Book (Translation)
- Moore anatomy (Trunk) Date: 2008
Book (Translation)
- Knee Osteoarthritis Date: 2014
Book (Compilation)

- Bilateral striatal transplantation of human olfactory stem cells ameliorates motor function, prevents necroptosis-induced cell death and improves striatal volume in the rat ...
Date: 2021
Publisher: Journal of Chemical Neuroanatomy
Link : www.sciencedirect.com/science/article/pii/S0891061820301721
- Promoting Motor Functions in a Spinal Cord Injury Model of Rats Using Transplantation of Differentiated Human Olfactory Stem Cells: A Step towards Future Therapy
Date: 2021
Publisher: Behavioural Brain Research
Link : www.sciencedirect.com/science/article/pii/S0166432821000930
- Olfactory mucosa stem cells delivery via nasal route: a simple way for the treatment of Parkinson disease
Date: 2021
Publisher: Neurotoxicity Research
- Recent smell loss is the best predictor of COVID-19 among individuals with recent respiratory symptoms
Date: 2021
Publisher: Chemical senses
Link : academic.oup.com/chemse/article-abstract/doi/10.1093/chemse/bjaa081/6048917
- Global study of variability in olfactory sensitivity.
Date: 2020
Publisher: Behavioral Neuroscience
Link : psycnet.apa.org/record/2020-73719-003
- More than smell—COVID-19 is associated with severe impairment of smell, taste, and chemesthesis
Date: 2020
Publisher: Chemical Senses
- Proinflammatory cytokines in the olfactory mucosa result in COVID-19 induced anosmia
Date: 2020
Publisher: ACS chemical neuroscience
Link : pubs.acs.org/doi/abs/10.1021/acscchemneuro.0c00249
- " U-Sniff"—the international odor identification test for children: an extension of its normative database and study of global reliability.
Date: 2020
Publisher: Rhinology
Link : pubmed.ncbi.nlm.nih.gov/32333750/
- Validity and reliability of Persian smell identification test
Date: 2020
Publisher: Iranian journal of otorhinolaryngology
Link : www.ncbi.nlm.nih.gov/pmc/articles/PMC7085925/
- Will Tissue-Engineering Strategies Bring New Hope for the Reconstruction of Nasal Septal Cartilage?
Date: 2020
Publisher: Current stem cell research & therapy
Link : www.ingentaconnect.com/content/ben/cscr/2020/00000015/00000002/art00007
- Intranasal delivery of SDF-1 α -preconditioned bone marrow mesenchymal cells improves remyelination in the cuprizone-induced mouse model of multiple sclerosis
Date: 2020
Publisher: Cell biology international
Link : onlineibrary.wiley.com/doi/abs/10.1002/cbin.11250

- Fabrication of chitosan/agarose scaffolds containing extracellular matrix for tissue engineering applications
Date: 2020
Publisher: International journal of biological macromolecules
Link : www.sciencedirect.com/science/article/pii/S0141813019387173
- The Unilateral High Bifurcation of the Brachial Artery
Date: 2020
Publisher: Anatomical Sciences Journal
Link : anatomyjournal.ir/browse.php?a_id=240&sid=1&slc_lang=en&html=1
- Role of GJB2 and GJB6 in Iranian Nonsyndromic Hearing Impairment: From Molecular Analysis to Literature Reviews
Date: 2020
Publisher: Fetal and pediatric pathology
Link : www.tandfonline.com/doi/abs/10.1080/15513815.2019.1627625
- Recent smell loss is the best predictor of COVID-19: a preregistered, cross-sectional study
Date: 2020
Publisher: MedRxiv
Link : www.medrxiv.org/content/10.1101/2020.07.22.20157263v1.full
- Coincidence of COVID-19 epidemic and olfactory dysfunction outbreak in Iran
Date: 2020
Publisher: Medical journal of the Islamic Republic of Iran
Link : www.ncbi.nlm.nih.gov/pmc/articles/PMC7500422/
- Differentiation of human olfactory system-derived stem cells into dopaminergic neuron-like cells: A comparison between olfactory bulb and mucosa as two sources of stem cells
Date: 2019
Publisher: Journal of cellular biochemistry
Link : onlineibrary.wiley.com/doi/abs/10.1002/jcb.29277
- Olfactory mucosa stem cells: An available candidate for the treatment of the Parkinson's disease
Date: 2019
Publisher: Journal of cellular physiology
Link : onlineibrary.wiley.com/doi/abs/10.1002/jcp.28944
- Conductive hydrogels based on agarose/alginate/chitosan for neural disorder therapy
Date: 2019
Publisher: Carbohydrate polymers
Link : www.sciencedirect.com/science/article/pii/S0144861719308288
- Nerve Growth Factor and the Trans-differentiation of Human Dental Pulp Stem Cells Into Cholinergic-like Neurons
Date: 2019
Publisher: Basic and Clinical Neuroscience
Link : bcn.iums.ac.ir/article-1-1354-fa.html
- Trans-Differentiation of Human Dental Pulp Stem Cells Into Cholinergic-Like Neurons Via Nerve Growth Factor
Date: 2019
Publisher: Basic and Clinical Neuroscience
Link : www.ncbi.nlm.nih.gov/pmc/articles/PMC7253808/

- Injectable PNIPAM/Hyaluronic acid hydrogels containing multipurpose modified particles for cartilage tissue engineering: Synthesis, characterization, drug release and cell ...

Publisher: International journal of biological macromolecules

Link : www.sciencedirect.com/science/article/pii/S0141813019314461

Date: 2019

- Alginate/chitosan hydrogel containing olfactory ectomesenchymal stem cells for sciatic nerve tissue engineering

Publisher: Journal of cellular physiology

Link : onlineibrary.wiley.com/doi/abs/10.1002/jcp.28183

Date: 2019

- Conductive hydrogel based on chitosan-aniline pentamer/gelatin/agarose significantly promoted motor neuron-like cells differentiation of human olfactory ecto-mesenchymal stem cells

Publisher: Materials Science and Engineering: C

Link : www.sciencedirect.com/science/article/pii/S0928493118319921

Date: 2019

- Genetically modified mice-Methods, applications and outlook

Publisher: Scientific Journal of Kurdistan University of Medical Sciences

Link : eprints.skums.ac.ir/7854/

Date: 2019

- Human olfactory stem cells: As a promising source of dopaminergic neuron-like cells for treatment of Parkinson's disease

Publisher: Neuroscience letters

Link : www.sciencedirect.com/science/article/pii/S0304394018308541

Date: 2019

- Differentiation of human mesenchymal stem cells (MSC) to dopaminergic neurons: A comparison between Wharton's Jelly and olfactory mucosa as sources of MSCs

Publisher: Journal of chemical neuroanatomy

Link : www.sciencedirect.com/science/article/pii/S0891061818301479

Date: 2019

- Differentiation of neural crest stem cells from nasal mucosa into motor neuron-like cells

Publisher: Journal of chemical neuroanatomy

Link : www.sciencedirect.com/science/article/pii/S0891061818300358

Date: 2018

- In vitro effects of melatonin on colonization of neonate mouse spermatogonial stem cells

Publisher: Systems biology in reproductive medicine

Link : www.tandfonline.com/doi/abs/10.1080/19396368.2017.1358774

Date: 2017

- The effect of the ovarian varicose vein on the DNA methylation in the rat's oocyte

Publisher: Iranian journal of basic medical sciences

Link : www.ncbi.nlm.nih.gov/pmc/articles/PMC5673702/

Date: 2017

- Transdifferentiation of human dental pulp stem cells into oligoprogenitor cells

Publisher: Basic and clinical neuroscience

Link : www.ncbi.nlm.nih.gov/pmc/articles/PMC5691170/

Date: 2017

- In vitro differentiation of neural stem cells derived from human olfactory bulb into dopaminergic-like neurons

Publisher: European Journal of Neuroscience

Link : onlinelibrary.wiley.com/doi/abs/10.1111/ejn.13504

Date: 2017
- The effect of aminoguanidine on sperm motility and mitochondrial membrane potential in varicoelized rats

Publisher: Iranian journal of basic medical sciences

Link : www.ncbi.nlm.nih.gov/pmc/articles/PMC5220232/

Date: 2016
- Gender and age related changes in number of dopaminergic neurons in adult human olfactory bulb

Publisher: Journal of chemical neuroanatomy

Link : www.sciencedirect.com/science/article/pii/S089106181500054X

Date: 2015
- Do Pilea microphylla improve sperm DNA fragmentation and sperm parameters in varicoelized rats?

Publisher: Acta Medica Iranica

Link : acta.tums.ac.ir/index.php/acta/article/view/4291

Date: 2015
- Efectos de las venas ováricas varicosas sobre la estructura mitocondrial, niveles de malondialdehído y balance prooxidantes: antioxidantes en ovarios de ratas

Publisher: International Journal of Morphology

Link : scielo.conicyt.cl/scielo.php?pid=S0717-95022015000300020&script=sci_arttext&tlng=en

Date: 2015
- Effects of ovarian varicose vein on mitochondrial structure, malondialdehyde and prooxidants-Antioxidants balance in rat ovaries Efectos de las Venas OvÁ; ricas Varicosas sobre ...

Publisher: International Journal of Morphology

Link : eprints.iuims.ac.ir/5246/

Date: 2015
- The effects of curcumin on sperm parameters and nitric oxide production in varicoelized rats Efectos de la cÃ°rcuma sobre los parÃ; metros espermÃ; ticos y producciÃ°n de ...

Publisher: International Journal of Morphology

Link : eprints.iuims.ac.ir/4581/

Date: 2015
- Saffron improves epididymal sperm parameters in rats exposed to cadmium

Publisher: Nephro-urology monthly

Link : www.ncbi.nlm.nih.gov/pmc/articles/PMC3968992/

Date: 2014
- Cell therapy in Parkinson's disease

Publisher: Archives Neuroscience

Link : www.researchgate.net/profile/Mahmoudreza_Hadjighassem/publication/269466055_Cell_Therapy_in_Parkinson's_Disease/link/s/548d0c370cf214269f20e44f.pdf

Date: 2013
- Evaluation of pinopodes expression on the mouse endometrium immediately before implantation by treatment with HMG/HCG and sildenafil citrate administration

Publisher: Iranian journal of basic medical sciences

Link : www.ncbi.nlm.nih.gov/pmc/articles/PMC3586921/


Date: 2012

- Progesterone and ovarian stimulation control endometrial pinopode expression before implantation in mice Date: 2012
 Publisher: Pathophysiology
 Link : www.sciencedirect.com/science/article/pii/S0928468012000624
- Effect of aminoguanidine in sperm DNA fragmentation in varicocele rats: role of nitric oxide Date: 2011
 Publisher: Reproductive sciences
 Link : link.springer.com/article/10.1177/19337191110393028
- Aminoguanidine improves epididymal sperm parameters in varicocele rats Date: 2011
 Publisher: Urologia internationalis
 Link : www.karger.com/Article/Abstract/322154
- Effects of aminoguanidine on infertile varicocele rats: A functional and morphological study Date: 2010
 Publisher: Daru: journal of Faculty of Pharmacy, Tehran University of Medical Sciences
 Link : www.ncbi.nlm.nih.gov/pmc/articles/PMC3232080/
- THE EFFECTS OF AMINO GUANIDINE ON EPIDIDYMAL SPERM PARAMETERS IN VARICOCELE RAT Date: 2009
 Publisher: CELL JOURNAL (YAKHTEH)
 Link : www.sid.ir/en/journal/ViewPaper.aspx?ID=153007

Honors

- First rank in the national entrance exam for the Master of Anatomical Sciences Date: 2007
- First rank in the Department of Anatomical Sciences, Tehran University of Medical Sciences Date: 2007
- First rank in the national entrance exam for the Ph.D. in Anatomical Sciences Date: 2010
- The first rank of the comprehensive anatomical sciences exam for Date: 2010
- patent: Iranian triple olfactory test Date: 2019
- Top researcher of Rasoul Akram Hospital Date: 2020

Social Network

 rafieh-alizadeh-50826a6a