

In the name of God

## Curriculum vitae



**Reza Mastery Farahani PhD**

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**Academic University Positions:** Full Professor. Full Time. Academical member of Department of Biology and Anatomical Sciences, School of Medicine, Shahid Beheshti University of Medical Sciences (SBMU), Tehran, Iran, March 1986-Present.

**Academic Degrees:** PhD of Anatomical Sciences, Department of Anatomy, Shahid Beheshti University of Medical Sciences, 1986-1990.

M.Sc. of Human Anatomy, Department of Anatomy, School of Medicine, Mashhad University of Medical Sciences, Mashhad, Iran, 1984-1986

B.Sc. of Animal Biology, Department of Biology, Faculty of Sciences, Tehran University, 1978-1984.

field of education: Lecture of all anatomical science as sectional (head and neck, trunk, limbs) and systematic method (visual, sensory organ, endocrine, cardiovascular, nervous, digestive system.in Shahid Beheshti University of Medical Sciences (1990 to present.

Lecture of all anatomical science in international branch of Shahid Beheshti University of Medical Sciences in Qeshm Persian language (2012 to 2015).

Lecture of all anatomical science in the virtual Iranian Medical Sciences university.2002 to present.

Lecture of all anatomical science in international branch of Shahid Beheshti University of Medical Sciences in Tehran. English language (202 to present).

**Official University Positions:** Head of Iranian Traditional Medicine Department of Research on Religion and Health Center, September 2012 -Present.

Chairman of the Management Committee Welfare Fund Institute of Academic Board of SBMU.2012- Present.

**Academic honors:**Selected Academic Member for effective method of teaching and learning in anatomy, 2003.

Selected Academic Advisor for Medical Students, 2005.

Selected Academic Member for Computer assisted Instruction and Learning in Anatomy (CAI/CAL), 2006.

**Academic Membership:** Member of International Committee of Nomina Anatomica.1990-Present.

Member of the Board of Examiners the Compressive Exam of Basic Medical Science of the Ministry of Health and Medical Education, 2001 .2010.

Member of the Board of Examiners the Compressive Exam of Basic Medical Science of SBMU ,2010 -Present.

Member of evaluation group of Medical School of the General Medical Education Council of the Ministry of Health and Medical Education, 2010-2014.

Scientific Committee Member of first to 13th Iranian Congress of Anatomy 1991-2018.

Member of Scientific Committee of first to 15<sup>th</sup> Iranian Congress of Anatomy.1991-present.

Academic Member of Department of Medical Texts and History at Traditional Medicine Clinical Trail Research Center. Shahed University ,2018-Present.

Congresses: issue paper and speech and participate in all of Iranian congress of anatomy from1990 to present.

Participate and issue paper to many Iranian medical congresses about the medical sciences as: visual system, auditory system, endocrine system, ophthalmology, orthopaedical sciences, surgery medical Engineering, artificial intelligence (AI), Irani-Islamic culture.

**Academic foundership:** Founder of first Iranian Congress of Anatomy and head of executive committee of the Congress, Kerman University of Medical Sciences 1991.

Member of founding committee of Religion and Health Center, SBMU,2012.

Academic Supervision and Advising:

Supervisor in ۲۰۰ dissertations in General practitioner and General Dentistry and 1۰ Master's theses in Anatomical Sciences and ۱۰ dissertations in PhD of Anatomical Sciences and Iranian Traditional Medicine.

Adviser in 100 dissertations in General practitioner and 30 master's theses for Anatomical Sciences degree and 30 dissertations in Anatomical Sciences, Iranian Traditional Medicine and Reproductive PhDs.

**Academic Editorship and reviewership:**Editorial Board Member of Journal of Pizhuhish dar din va Salamat (i.e., Research on Religion and Health), SBMU, May 2014-Present.

Editorial Board Member of Anatomical Sciences Journal (JASI)2015-Present.

Reviewer of Medical Journal of the Islamic Republic of Iran (MJIRI),1993 -2009.

Reviewer of journal of Pizhuhish dar din va Salamat,2014-present.

Reviewer of journal of Kerman University of Medical Sciences 1992- Present.

Reviewer of Journal of Iranian Legal Medicine ,1993 -Present.

Reviewer of Journal of Iranian History of Medicine, 1993 -present.

Publications: A-Papers, B- Books.

**A-Papers: \*Correspond. (IF and SJR):**Human umbilical cord plasma derived exosome inhibit the NLRP3 inflammasome and neuro-apoptosis in traumatic spinal cord injury model.Hadise Taheri, Hamid Reza Mosleh, Leila Darabi, Shima Jahanbaz , Hooman Kazemi Mirni , **Reza Mastery Farahani** , Abbas Aliaghaei , Hamid Nazarian , Reza Bahar , Maral Hasanzadeh , Fozhan Tahmasebinia , Amirreza Beirami , Hojjat-Allah Abbaszadeh , Shahram Darabi. Biotech. **2026** Jan;16(1):33. doi: 10.1007/s13205-025-04660-4. Epub **2025** Dec 20.

Prenatal exposure to phenanthrene impairs spermatogenesis and fertility by elevating apoptosis, altering gene expression, and disrupting steroidogenesis in adult male mice across two generations. Azar Afshar , Hamid Nazarian, Fatemeh Fadaefathabadi , **Reza Mastery-Farahani**.Fakhroddin,Aghajanpour,Reza,Soltani,MaryamSalimi,Mohsen Nourozian , Gholamreza Hassanzadeh. Reproductive Toxicology,Volume 134, May **2025**, 108897.

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Reza Mastery Farahani , Mohsen Norouzian , Mohammad-Amin Abdollahifar. Volume 22, Issue 1 (January **2024**) IJRM 2024, 22(1): 17-30.

Armin Khosravipour<sup>1</sup> · Abdollah Amini · **Reza Masteri Farahani** · Atarodalsadat Mostafavinia · Mehrdad Asgari · Fatemehalsadat Rezaei · Heidi Abrahamse · Sufan Chien · Mohammad Bayat\*. Evaluation of the effects of preconditioned human stem cells plus a scaffold and photobiomodulation administration on stereological parameters and gene expression levels in a critical size bone defect in rats. *Lasers in Medical Science*. 2022 Jan 24. IF3.161.

Reza Soltani · Fakhroddin Aghajanzpour · Azar Afshar · Hojjatallah Abbaszadeh · **Reza Mastery Farahani** · Mohsen Norouzian\*. A case report of a left testicular artery variation. A case report of a left testicular artery variation. *Medical Journal of Mashhad University of Medical Sciences*. Volume 64, Issue 4, November and December 2021.

Fakhroddin Aghajanzpour, Reza Soltani, Samad Safiloo, Azar Afshar, Abolfazl Torabi, Mohsen Norouzian, **Reza Mastery Farahani**\*. Measurement of the Distal End Radius Morphometric Parameters using Radiography in Iranian Population. *Research on Medicine*. 2021; Vol.45; No.1.

Fakhroddin Aghajanzpour, Reza Soltani, Azar Afshar, Hojjat Allah Abbaszadeh, **Reza Mastery Farahani**, Mohsen Nourozian. Variation in median nerve nutritional artery at the distal end of forearm: case report. 2021, *Tehran University Medical Journal TUMS Publications*, Volume, 79, Issue, 4, Pages, 319-323.

Reza Soltani, Fakhroddin Aghajanzpour, Haniyeh Abbasi Fard, Azar Afshar, Noman Arab, **Reza Mastery Farahani**, Mohsen Norouzian. Morphometric Parameters of the Mandibular Ramus as an Indicator for Sex Determination: A Radiographic Study. 2021/6/10. *Research in Medicine*, Volume 45, Issue, 2, Pages, 67-71,

Reza Soltani, Fakhroddin Aghajanzpour, Samad Safiloo, Azar Afshar, Abolfazl Torabi, Mohsen Norouzian, **Reza Mastery Farahani**. Measurement of the Distal End Radius Morphometric Parameters using Radiography in Iranian Population. 2021/3/10, *Research in Medicine*, Volume, 45, Issue, 1, Pages, 64-68.

Farzam Roshanali, Mohammad Amin Abdollahifar, **Reza Mastery Farahani**, Mohammad Mahdi Nazarnejad. Measuring Head Circumference in Neonates Weighing Less Than 2500 Grams. 2021 *Journal of Otorhinolaryngology and Facial Plastic Surgery*, Volume, 7, Issue, 1, Pages, 1-7.

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Reza Soltani, Fakhroddin Aghajanzpour, Azar Afshar, Abolfazl Torabi, Ebrahim Mohammadzadeh, **Reza Mastery Farahani**, Mohsen Norouzian. Evaluation of the

proximal ulna dorsal angulation part and its related factors in radiology images of patients referred to Tehran Hospital in 2018. Publication date 2021. Volume, 44, Issue, 4, Pages, 549-553.

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Samira Ezi, Mahdi Eskandarian Boroujeni, Aysan Khatmi, Kimia Vakili, Mobina Fathi, Mohammad-Amin Abdollahifar, Fakhroddin Aghajanzpour, Reza Soltani, Seyed Hamidreza Mirbebahani, Fariba Khodagholi, Abbas Aliaghaei, **\*Reza Mastery Farahani**. Chronic Exposure to Tramadol Induces Neurodegeneration in the Cerebellum of Adult Male Rats. Journal Neurotoxicity Research 2021; 1-14: Publisher Springer US. IF3.538.

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Mohammad Farhoush, **Reza Masteri-Farahani**, Mohammad Ali Jamshidi, Masoumeh Shokri-Khoubestani, Sakineh Ghorbani, he Self-control Model of Shiite Youth with a Grounded Theory Approach., Journal of Pizhūhish dar dīn va salāmat 2020; 6, 1: 60-73.-.

Mohammad Javad Hoseinpour, Alireza Ghanbari<sup>1</sup>, Nahid Azad, Ali Zare, Shabnam Abdi, Ensieh Sajadi, Hojjat-Allah Abbaszadeh, **\*Reza Mastery Farahani**, Mohammad-Amin Abdollahifar. Ulmus minor bark hydro-alcoholic extract ameliorates histological parameters and testosterone level in an experimental model of PCOS rats. Endocrine Regulations 2019; 53, 3: 146–153. IF 1.44.

Ali Rashidiani-Rashidabadi, Mohammad Hassan Heidari, Ensieh Sajadi, Fatemeh Hejazi, Fatemeh Fadaei Fathabady, Yousef Sadeghi, Abbas Aliaghaei, Amir Raoofi, Mohammad-Amin Abdollahifar, **\*Reza Mastery Farahani**. Sciatic nerve injury alters the spatial arrangement of neurons and glial cells in the anterior horn of the spinal cord. Neural Regen Res 2019; 14, 0 : 1833-1840. IF 3.171.

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Zahra Namvarpour, Abdollah Amini, **Reza Masteri Farahani**, Mohammad Nasehi. Effects of Thimerosal on Cerebellum Tissue and Neurodevelopmental Disorders Related Behaviors in Rats. *Research in Medicine Journal* 2019; 43, 1:15-22. IF 0.535.

\***Reza Mastery Farahani**, Fatemeh Kordbacheh Molaei, Mohammad Amin Shahrbafe, Ramin Pouriran, Hojjat Allah Abbaszadeh. The Study of the Relationship of Newborns Height and Weight Growth Indices with the Number and Type of Delivery of Mothers Referring to Imam Hassan Health Center in Tehran during 2014-2016. *School of Medicine Students' Journal* 2018; 1:1-7. -.

Resveratrol Protects Purkinje Neurons and Restores Muscle Activity in Rat Model of Cerebellar Ataxia. Zeynab Ghorbani, \***Reza Mastery Farahani**, Abbas Aliaghaei, Fariba Khodagholi. Gholam houssein Meftahi. Samira Danyali, Mohammad Amin Abdollahifar. Mahtab Daftari. Mahdi Eskandarian Boroujeni. Yousef Sadeghi. Resveratrol Protects Purkinje Neurons and Restores Muscle Activity in Rat Model of Cerebellar Ataxia. *Journal of Molecular Neuroscience* 2018; 65:35–42. IF 2.891.

\***Reza Mastery Farahani**, Ramin Pouriran, Hadi Azimi Cephalometry in 15-17 Years Old Boys of Kerman-Iran. Hojjat Allah Abbaszadeh. *School of Medicine Students' Journal* 2018; 1:17.-.

Nahid Azad, Hamid Nazarian, Marefat Ghaffari Novin, **Reza Masteri Farahani**, Abbas Piryaee, Mohammad Hassan Heidari. Phospholipase C zeta parameters in sperm from

polymorphic teratozoospermic men. *Annals of Anatomy-Anatomischer Anzeiger, Urban & Fisher* 2018;215,0:63-70. IF 2.388.

Ataroalsadat Mostafavinia, **Reza Masteri Farahani**, Mohammad-Amin Abdollahifar, Mahdi Ghatrehsamani, Seyed Kamran Ghoreishi, Behnam Hajihossainlou, Sufan Chien, Sara Dadras, Fatemehalsadat Rezaei, and Mohammad Bayat .Evaluation of the Effects of Photobiomodulation on Partial Osteotomy in Streptozotocin-Induced Diabetes in Rats. *Photomedicine and Laser Surgery* 2018;36, 8: 406–414. IF 1.913.

Sakineh Panahi, Mohammad-Amin Abdollahifar, Abbas Aliaghaei, Hamid Nazarian, ,Shahrokh Paktinat , Shabnam Abdi , **Reza Mastery Farahani**. Application of stereological methods for unbiased estimation of sperm morphology in the mice induced by busulfan. *Anta Cell Biol* 2017; 50:301-305. IF 1.63.

Amin Zand, Hojjat Allah Abbaszadeh<sup>2</sup>, Mohammad Amin Abdolahifar, Abbas Ali Aghaee<sup>1</sup>, Abdollah Amini<sup>1</sup>, **\*Reza Mastery Farahani**. Role of E-Learning in Teaching Anatomical Sciences. *Anatomical Sciences*. 2016; 13,1: 55-60.SID.

**\*Reza Mastery Farahani**, Abbas Aliaghaei, Amir Abdolmaleki, Hojjat Allah Abbaszadeh, Fatemeh Shaerzadeh, Mohsen Norozian, Sexual Dimorphism and Age-Related Variations of Corpus Callosum Using Magnetic Resonance Imaging., *Anatomical Sciences* 2016; 13, 3:149-56. SID.

**\*Reza Mastery Farahani**, Abbas Aliaghaei, Amir Abdolmaleki, Hojjat Allah Abbaszadeh, Fatemeh Shaerzadeh, Mohsen Norozian, Sexual Dimorphism and Age-Related Variations of Corpus Callosum Using Magnetic Resonance Imaging, *Anatomical Sciences* 2016;13,3:149-56. SID.

Amir Abdolmaleki, **\*Reza Mastery Farahani**, Seyed Kamran Ghoreishi, Fatemeh Shaerzadeh, Abbas Aliaghaei<sup>1</sup>, Seyyed Hossein Mirjavadi, Hojjat-allah Abbaszadeh. Magnetic Resonance Imaging-Based Morphometric Assessment of Sexual Dimorphism of Corpus Callosum. *Anatomical Sciences* 2016; 13,2 :111-118. SID.

Seyed Mohammad Jafar Haeri, Yousef Sadeghi, Mohammad Salehi, **Reza Masteri Farahani**, Nourozian Mohsen. Osteogenic differentiation of human adipose-derived mesenchymal stem cells on gum tragacanth hydrogel, *Journal Biologicals, Academic Press* 2016; 44, 3:123-128. IF1.872.

**Reza Mastery-Farahani**, Fatemeh Kordbacheh Molaei, MohamadAmin ShahrbaF, Ramin Pouriran, Hojjat Allah Abbaszadeh, The Study of the Relationship of Newborns Height and Weight Growth Indices with the Number and Type of Delivery of Mothers Referring to Imam Hassan Health Center in Tehran during 2014. *School of Medicine Students* 2016; 1, 1: 1-7. -.

Zohreh Zare, **\*Reza Masteri Farahani**, Moslem Mohammadi. Effect of L-carnitine on Developmental Competence of Mouse Oocytes Selected by Brilliant Cresyl Blue

Staining after Parthenogenesis. Journal of Mazandaran University of Medical Sciences 2016; 25,132: 280-290. Cite Score 0,8.

**\*Reza Mastery Farhani** , Hojjat Allah Abbaszadeh, Mahtab Teimouri , Mohsen Bahrami, Hadi Azimi, Ramin Pouriran . A brief review of jorjani's views on Hernias, MOJ Anatomy & Physiology Volume 4 Issue 5 – 2017. Google.

Mohammad Mahdi Vashghani Farahani, **Reza Masteri Farahani**, Atarodsadat Mostafavinia, Mohammad Reza Abbasian, Ramin Pouriran, Mohammad Noruzian, Seyed Kamran Ghoreishi, Arefe Aryan, and Mohammad Bayat, Effect of Pentoxifylline Administration on an Experimental Rat Model of Femur Fracture Healing with Intramedullary Fixation. Iran Red Crescent Med J. 2015; 17,12:1-8. IF 0.786.

Marefat Ghaffari Novin, Mehrdad Noruzinia, Azra Allahveisi, Aboutaleb Saremi, Fateme Fadaei Fathabadi, **Reza Mastery Farahani**, Ali Dehghani Fard, Arash Pooladi, Ramin Mazaherinezhad Fard, Elham Yousefian. Comparison of Mitochondrial-Related Transcriptional Levels of TFAM, NRF1 and MT-CO1 Genes in Single Human Oocytes at Various Stages of the Oocyte Maturation. Iranian Biomedical Journal 2015; 19, 1: 23-28. IF 2.20.

M Shayestefar, **R Masteri Farahani**, F Fadaei Fathabadi, M Norozian, AH Memari, Head circumference index in children and adolescents with autism spectrum disorders in comparison to intellectual disability and its relationship with cognitive factors. Journal of Arak University of Medical Sciences 2015; 18, 1:51-60. SID.

Mohsen Noorozian, Mohammad Bayat, **Farahani Reza Mastery**, Mohammad Amin Abdollahifar, Hadi Azimi, Zadeh Ali Noori, Rad Azam Asemi, Nejhad Somayeh Fallah, Maryam Salimi, Rabieh Mohammadi, Abdullah Amini, Hojjatallah Abbaszadeha, Case Report: Rare Communication of Ansa Cervicalis, Anatomical Sciences. 2015; 12, 4:199-202. SID.

**\*Farahani Reza Mastery**, Nasab Khalil Mohammadi, Fathabadi Fatemeh Fadaei, The Relationship between Neurocranium Anthropometry and Intelligence Quality among Iranian Students in Cold and Tropical Areas. Neuroscience journal of Shefaye Khatam 2015; 3, 3:64-70. SID.

Mohammad Hassan Karim far, Mohsen Noorozian, **Reza Mastery Farahani**, Maryam Sadat Khoramgah, Hadi Azimi, Ali Asghar Keramatinia , Navid Ahmadi Rozbahani , Ayad Bahadori Monfared , Hojjat-Allah Abbaszadeh. Stable Transfection of pEGFP-N1-MOG Plasmid to Utilize in Multiple Sclerosis Gene Therapy. Anatomical Sciences 2015; 12,1:3-8. SID.

Atarodsadat Mostafavinia, **Reza Masteri Farahani**, Mohammadreza Abbasian, Mohammadmehdi Vasheghani Farahani, Mohammadjavad Fridoni, Sara Zandpazandi, Seyed Kamran Ghoreishi, Mohammad Amin Abdollahifar, Ramin Pouriran, and Mohammad Bayat, Effect of Pulsed Wave Low-Level Laser Therapy on Tibial Complete

Osteotomy Model of Fracture Healing with an Intramedullary Fixation. Iran Red Crescent Med J 2015; 17,12:2-12. IF 0.786.

Mohammad Hassan Karimfar, Aliasghar Peyvandi, Mohsen Nooroziyan, Navid Ahmadi Roozbahani, **Reza Mastery Farahani**, Maryam Sadat Khoramgah, Hadi Azimi, Ayad Bahadori Monfared, Hojjat-Allah Abbaszadeh. Repressing of SOX6 and SOX9 in Situ Chondrogenic Differentiation of Rat Bone Marrow Stromal Cells. Anatomical Sciences 2015; 12, 2:75-81. SID.

Fatemeh Fadai Fathabadi, Hojjat-Allah Abbaszadeh, Mohsen Nooroziyan, Mohammad Bayat, Hadi Azimi, Ali Noori-Zadeh, **\*Reza Mastery Farahani**. Case Report: A Case Report on Variation in Bifurcation of Brachial Artery. Anatomical Sciences 2015; 1 ,2 :97-100. SID.

Monireh Motaqhey, Ali Ghanjal, **\*Reza Mastery Farahani** ,Mojdeh Ghabaee, Gholamreza Kaka, Mohsen Noroziyan, Fatemeh Fadaee Fathabadi Sex Differences in Neuroanatomy of the Human Mirror Neuron System: Impact on Functional Recovery of Ischemic Hemiparetic Patients. Iran Red Crescent Med J. 2015; 17,8:1-8. IF 0.786.

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Zohreh Zare & **\*Reza Masteri Farahani**, Mohammad Salehi, Abbas Piryaee & Marefat Ghaffari Novin & Fatemeh Fadaei Fathabadi, Moslem Mohammadi, Maryam Dehghani, Mohammadabadi. Effect of L-carnitine supplementation on maturation and early embryo development of immature mouse oocytes selected by brilliant cresyle blue staining. J Assisted Reproduction and Genetics 2015;32,4:635-643. IF 2.095.

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Mohsen Bahrami, **Reza Mastery Farahani**, Esmail Nazem, Mohammad Kamalinejad, Mansoor Keshavarz, Alireza Nikbakht Nasrabadi, Mohammad Yousofpoor, Farshad

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