

CURRICULUM VITAE



PERSONAL DATA:

First Name: Mahdi

Last Name: Ramezani

Date of Birth: 1975

ADDRESS:

Assistant professor in Anatomical Sciences.

Department of Anatomical Sciences, Medical Sciences Faculty, Hamadan University.

Tel/Fax: 0098-8131311300-1400

Place of Birth: Iran, Tehran

Marital Status: Married with two children

Nationality: Iranian

Tel: + 98 81-38381941 -09122571627

Email:

m.ramezani@umsha.ac.ir

mahdi.ramezani@modares.ac.ir

morthopedi@yahoo.com

UNIVERSITY EDUCATION:

- **Ph.D.2016**, Department of Anatomical Sciences, Medical Sciences Faculty, Tarbiat Modares University, Tehran, Iran
- **M.Sc.2004**, Department of Anatomical Sciences, Medical Sciences Faculty, Tarbiat Modares University, Tehran, Iran
- **B.Sc.1998**, Occupational Therapy, Rehabilitation Faculty, Shahid Beheshti University of Medical Sciences.

MEMBERSHIP:

- Member of Iranian Association of Anatomical Sciences (ISAS).
- Member of Iranian Association of occupational therapy.
- Member of Iranian Society of Embryology & Reproductive Biology (ISERB).
- Member of Stem cell committee in medical science of Hamadan University.
- Member of Endometrium and Endometriosis Research Center.
- Member of the Scientific Committee in 13th national congress of anatomical science (17-19 Oct 2018).
- Member of the Scientific Committee in Third Symposium on Restorative Dentistry and Stem Cells (Hamadan University (3-4 JULY 2019).
- Secretary of Ethics Committee of Hamadan University of Medical Sciences

PUBLICATIONS

List of papers presented in congresses and seminars (Poster and speaker):

- 1. Ramezani M., Salehnia M., Rezazadeh M.** The Leukemia Inhibitory Factor Enhance the Development of Eight-Cell Mouse Embryos. (2003) the 10th annual Meeting of the middle East Fertility Society.10-13 dec, Beirut Lebanon.
- 2. Ramezani M., Salehnia M., Rezazadeh M.** The Development of two Cell Mouse Embryos Using Leukemia Inhibitory Factor. (2003) the 10th annual Meeting of the middle East Fertility Society.10-13 des, Beirut Lebanon.
- 3. Ramezani M., Salehnia M., Rezazadeh M.** The Effect of Leukemia Inhibitory Factor to Enhance of the Development of 2 & 8 Cells Mouse. (2004) Congress on Immunological Aspects of Fertility & Infertility, 14-15 Jan, Isfahan, Iran.
- 4. Ramezani M., Salehnia M., Rezazadeh M.** The Effect of Leukemia Inhibitory Factor to Enhance of the Development of 8 Cells Mouse. (2005) the 6th Congress of Iranian congress of anatomical Sciences. 4-6 may, Shiraz University of Medical Science, Iran.
- 5. Salehnia M., Ramezani M., Sheikholislami B., Rezazadeh M.** The Comparison of Developmental Rates of Mouse 2 cell Embryo in Presence of GM-CSF and LIF. (2005) the 12th Congress of Iranian Society for Biology, 31 Aug-2nd Sept. Bu Ali Sina University of Medical Science, Hamadan, Iran.
- 6. Ramezani M., Salehnia M., Rezazadeh M.** Developmental Potential of Isolated Blastomeres from Early Mouse in the Presence and Absence of LIF and GM-CSF. (2008) Assist Reprod Genet .25(1): 7-12.

7. Fahimmi N., Gharib M., Hosseini A., Salehi M., **Ramezani M.**, Rashidi M. The Reliability of Quality of Upper Extremity Skills Test in Children with Cerebral Palsy.(2012) Journal of Rehabilitation, Volume 12, Num4, Behzisty and Rehabilitation University, Tehran, Iran.

8. **Ramezani M.**, Salehnia M., Jafarabadi M. A comparison of the Effect of Vitrification on the Morphology of Stimulated and Non-stimulated Human Ovaries. (2015) Modares Journal of Medical Science: Pathobiology, Vol.18.No.3.Pages:15-26.

9. **Ramezani M.**, Salehnia M., Jafarabadi M. Short Term Culture of Vitrified Human Ovarian Cortical Tissue to Assessment the Cryopreservation Outcome: Morphological and Molecular Analysis. J Reprod Infertil. 2017 Jan-Mar; 18(1): 162–171.

10. **Mahdi Ramezani**¹, Mojdeh Salehnia ¹. P59 Vitrification and in vitro culture of stimulated human ovarian tissue: morphological and molecular analysis. The world cryobiology and biobanking conference, July 20-23, 2017.Hefei.China

11. **Ramezani M.**, Salehnia M., Jafarabadi M. Vitrification and in vitro culture of stimulated human ovarian tissue: a morphological and molecular study. The Journal of Obstetrics and Gynecology Research. Manuscript ID JOGR-2017-0231. Res. 2018

12- **Ramezani M.**, Salehnia M., Jafarabadi M. Short Term Culture of Vitrified Human Ovarian Cortical Tissue to Assessment the Cryopreservation Outcome: Morphological and Molecular Analysis.19th congress on reproductive biomedicine (29-31 August 2018, Tehran, Iran).

13- **Ramezani M.**, Salehnia M., Jafarabadi M. The effect of vitrification and in vitro culture on the follicular development and gene expression of stimulated

human ovarian tissue. The speaker in 13th national congress of Anatomical science (17-19 Oct 2018).

14. Farhad Monsef, Tayebe Artimani , Zohreh Alizadeh , **Mahdi Ramazani** & ...Sara Soleimani Asl. Comparison of the regenerative effects of bone marrow/adipose-derived stem cells in the Asherman model following local or systemic administration. Journal of Assisted Reproduction and Genetics <https://doi.org/10.1007/s10815-020-01856-w>.

15. Farhad Monsef, Tayebe Artimani, **Mahdi Ramazani** , Zohreh Alizadeh a,b, Sara Soleimani Asl. Effects of adipose- derived stromal vascular fraction on asherman syndrome model. Acta Histochemica, Volume 122, Issue 5, July 2020, 151556.

16. Sara Solimani Asl, Cyrus Jalili, Tayebah Artimani, **Mahdi Ramezani** and Fatemeh Mirzaei. Inflammasome can Affect Adult Neurogenesis: A Review Article. REVIEW ARTICLE. DOI: 10.2174/1874205X02115010025, 2021, 15, 25-30.

17. Seyed Kamaledin Hadei, **Mahdi Ramezani**, Reza Taherian. Unilateral Agenesis of the Internal Carotid Artery:A Report of Two Rare Cases. [GMJ.2022;11:e2318] DOI:10.31661/gmj.v11i.231.

18. Shadi Moradi , Alireza Zamani , Mehrdokht Mazdeh , **Mahdi Ramezani** , .. Mohammad Mahdi Eftekharian. An inclusive study on cytokine gene expression in Parkinson's disease:Advanced analysis using Bayesian regression model. Hum. Immunol. (2022), <https://doi.org/10.1016/j.humimm.2022.11.001>.

19. Nasrin Hashemi-Firouzi¹, Siamak Shahidi², Simin Afshar³, Parisa Habibi⁴, **Mahdi Ramezani**. The effect of 5-HT_{2A} receptor stimulation on morphine withdrawal symptoms in mice. Scientific Journal of Kurdistan University of Medical Sciences, No .50-402023/July-y/ Ma125.

20. **Mahdi Ramezani** , Alireza Komaki , Nasrin Hashemi-Firouzi , Keywan Mortezaee, Nafiseh Faraji, Zoleikha Golipour. Therapeutic effects of melatonin-treated bone marrow mesenchymal stem cells (BMSC) in a rat model of Alzheimer's disease. *J Chem Neuroanat.*2020 Oct;108:101804. doi: 10.1016/j.jchemneu.2020.101804. Epub 2020 May 26.
21. **Mahdi Ramezani**, Alireza Komakia, Mohammad Mahdi Eftekhariana, Mehrdokht Mazdeha and Soudeh Ghafouri-Fard. Over-expression of IL-6 coding gene in the peripheral blood of migraine with aura patients. *Hum Antibodies* . 2021;29(3):203-207. doi: 10.3233/HAB-210442.
22. Parsa Gholipour, Alireza Komaki, **Mahdi Ramezani**, Hesam Parsa. Effects of the combination of high-intensity interval training and Ecdysterone on learning and memory abilities, antioxidant enzyme activities, and neuronal population in an Amyloid-beta-induced rat model of Alzheimer's disease. *Physiology & Behavior*. Volume 251, 1 July 2022, 113817.
23. Parsa Gholipour· Alireza Komaki· Hesam Parsa· **Mahdi Ramezani**. Therapeutic Effects of High-Intensity Interval Training Exercise Alone and Its Combination with Ecdysterone Against Amyloid Beta-Induced Rat Model of Alzheimer's Disease: A Behavioral, Biochemical, and Histological Study. *Neurochemical Research* <https://doi.org/10.1007/s11064-022-03603-2>.

List of Participation in Research Projects:

1. The effect of Life Insert on Static and Kinetic Parameters of Standing in Children with Hemiplegic Cerebral Palsy. Administrative & Scientific. (2010) Behzisty & Rehabilitation Univ, Tehran, Iran.
2. The Validity & Reliability of Persian Model Questioner of Life in Children with Cerebral Palsy: Evaluator (2011), Behzisty & Rehabilitation Univ, Tehran, Iran.
3. The study of transplantation of bone marrow mesenchymal stem cells treated with Melatonin on treatment of Alzheimer's model in rat.
4. Study of effect of administration of young rats' plasma and estrogen on behavior changes, and the level of oxidative stress and expression of microRNA-134, BDNF and SIRT1 in the hippocampus of rat model of female Alzheimer menopausal animals.
5. Effects of transplantation of adipose cells (stromal vascular fragment) on endometrium structure and fertility in Ashermans syndrom and endometrial atrophy.
6. The effect of G-CSF on maturation and in vitro fertilization and BMP15, GDF9, BAX, BCL-2, FGF8 genes expression and histological features of vitrified mouse ovarian tissue.
7. The effect of platelet-rich plasma on in vitro follicular development of human ovarian tissue after vitrification.
8. Investigation the expression of IL1 β , IL2, IL4, IL6, IL8, IL10, IL17, TGF- β , TNF- α and IFN- δ genes in blood of migraine patients with aura and without aura compared to healthy controls.
9. Investigation of the expression of Pro and anti-Inflammatory cytokines coding genes in Parkinson patients.
10. Investigation the association study of rs1333048, rs1333045, rs4977574 and rs10757278 within ANRIL gene in autism patients(submit).
And ETC.....
.....

Book

-Edit of Upper and Lower Extremity LAST' s Anatomy 2000

-Neuroanatomy for medical and rehabilitation Students.2023

Speaking in the scientific community:

1. Yazd Research & Clinical Center for Infertility (2013-2014).
2. Workshop of IVM Associated with Cryopreservation of Human ovarian Tissue by Iranian Society of Embryology & Reproductive Biology (ISERB, 2016).
3. Training workshop of teaching of head and neck anatomy for speech therapy students for 12 hours (2017-2018).
4. Training workshop of clinical anatomy for rehabilitation students for 8 session (2017-2018).
5. Workshop of IVM Associated with Cryopreservation of Human ovarian Tissue in 13th national congress of anatomical science (Hamadan University (17-19 Oct 2018).
6. Workshop of Third Symposium on Restorative Dentistry and Stem Cells (Hamadan University (3-4 JULY 2019).
And ETC....

TEACHING EXPERIENCES:

- Head & Neck, Trunk & Pelvis, Upper, Lower Limbs and Neuro-anatomy for Under Graduate Students in medical science, rehabilitation faculty, dentist faculty in hamadan university since 2017.
- Head & Neck, Trunk & Pelvis, Upper, Lower Limbs for Post Graduate Students in University.
- Head & Neck, Trunk & Pelvis, Upper, Lower Limbs and Neuro-anatomy for Under Graduate Students in Hamadan University of Technology.
- Gross Anatomy, Embryology and Histology for Post Graduate Students in Tarbiat Modares University. And Shahed university.

Arbitration Articles

-Judgment and Evaluation of Abstracts Submitted to the Third International Congress on Reproduction (ISERB 2017).

-Member of the Scientific Committee and Panel member Cryopreservation and transplantation of ovarian and Fertility Preservation.

-Judgment and Evaluation of Abstracts Submitted to the 13th national congress of anatomical science (17-19 Oct 2018).

-Judgment and evaluation of research projects in medical science of Hamadan University.

And ETC....

Research Interests:

- ovarian tissue cryopreservation
- Tissue processing for light microscopy
- Cell culture
- Clinical Neuroscience and Neuro-rehabilitation Research
- Stem cell therapy

Research Techniques:

- Microanatomy Techniques (Tissue preparation, H&E, Masson Trichrome (MTC), Blastocyst Staining, Propidium Iodide and Bisbenzomide, Vitrification protocol in human ovarian tissue, Image G)
- Cell culture
- In vitro culture of ovarian tissue
- PCR & real-time RT-PCR Techniques
- In vitro embryo culture

- Immunohistochemistry
- Isolation of blastomeres
- Ovarian tissue vitrification
- Tissue processing for light microscopy
- Stem cell and therapy in Asherman syndrome and stroke