



CURRICULUM VITAE

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WORK ADDRESS:

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UNIVERSITY EDUCATION:

Ph.D., in Anatomical Sciences, (2010-2014), Faculty of Medicine, Ahvaz Jundishapur University of Medical Sciences, Ahvaz, Iran

M.Sc, in Anatomical Sciences, (2005-2008), Faculty of Medicine, Tehran University of Medical Science, Tehran, Iran

B.Sc, in Midwifery, (1997-2001), Faculty of Nursing & Midwifery, Hamadan University of Medical Science, Hamadan, Iran

EMPLOYMENTS & EXPERIENCES:

Clinical experiences:

Sperm analysis , sperm & oocyte freezing , embryo freezing, In vitro fertilization (IVF),Intracytoplasmic sperm injection(ICSI) , ICSI+TESE.

PREMIER & FOUNDER:

- First grade student in B.Sc. 2001
- The best midwife in education , Fatemie Hospital , Hamadan , 2005
- The First Performer of successful ICSI (micro-injection+TESE) and successful birth of a child due to ICSI in Dezful , Iran, 2014.

PROFESSIONAL MEMBERSHIP:

- Member of Iranian Association of Anatomical Sciences (ISAS).
- Member of Iranian Society of Embryology & Reproductive Biology (ISERB)

ARTICLES

1. Aghababaei S, Bakht R, **Bahmanzadeh M**. Effects of breastfeeding education among primiparous women referring to Fathemieh hospital in Hamadan, Iran. Avicenna Journal of Nursing and Midwifery Care. 2009 Nov 10;17(12):41-51.
- 2.
3. **Bahmanzadeh, M.**, F. Abolhassani, F. Amidi, Ejtemaiemehr Sh, M. Salehi, and M. Abbasi. "The effects of nitric oxide synthase inhibitor (L-NAME) on epididymal sperm count, motility, and morphology in varicocelized rat." DARU Journal of Pharmaceutical Sciences 16, no. 1 (2008).
4. Shokrzadeh Sh, Saidijam M, Dehghan A, Esna-Ashari F, Farimani Sanoee M, **Bahmanzadeh M** , Alizadeh Z. Semi-quantitative analysis of endometrial HOXA10 and BTEB1 mRNA expressions in the implantation window of patients with endometriosis and myoma. Tehran Univ Med J 2012, 69(10): 605-612
5. Shokri S, Hemadi M, Bayat G, **Bahmanzadeh M**, Jafari-Anarkooli I, Mashkani B. Combination of running exercise and high dose of anabolic androgenic steroid, nandrolone decanoate, increases protamine deficiency and DNA damage in rat spermatozoa. Andrologia. 2014 Mar 1;46(2):184-90.

6. Alizadeh Z, **Bahmanzadeh M**, Sohrabi, M, Esna Ashari, F, Dehghan, A.. Endometrial morphology following repeated ovarian stimulation in mouse. *Tehran University Medical Journal*. 2014;72(6):389-95
7. Hashemitabar M, **Bahmanzadeh M**, Mostafaie A, Orazizadeh M, Farimani M, Nikbakht R. A proteomic analysis of human follicular fluid: comparison between younger and older women with normal FSH levels. *International journal of molecular sciences*. 2014 Sep 29;15(10):17518-40.
8. Hashemitabar M, Sabbagh S, Orazizadeh M, Ghadiri A, **Bahmanzadeh M**. A proteomic analysis on human sperm tail: comparison between normozoospermia and asthenozoospermia. *Journal of assisted reproduction and genetics*. 2015 Jun 1;32(6):853-63.
9. Radmehr M, Meghdadi S, **Bahmanzadeh M**, Sabbagh S. Prevalence, Demographics and Clinical Characteristics of Multiple Sclerosis in North of Khuzestan Province, Iran. *Jentashapir Journal of Health Research*. 2015 Sep;6(5).
10. **Bahmanzadeh M**, Vahidinia A, Mehdinejadi S, Shokri S, Alizadeh Z. Dietary supplementation with astaxanthin may ameliorate sperm parameters and DNA integrity in streptozotocin-induced diabetic rats. *Clinical and Experimental Reproductive Medicine*. 2016 Jun 1;43(2):90-6.
11. Farimani M, **Bahmanzadeh M**, Poorolajal J. A New Approach Using Autologous Platelet-Rich Plasma to Treat Infertility and To Improve Population Replacement Rate. *Journal of Research in Health Sciences*. 2016 Sep 20;16(3):172-3.
12. Hamzepour Gherkholagh M, **Bahmanzadeh M**, Lahoutian H, Mehdinejadi S, Alizadeh Z. The Effects of Vitamin E and Astaxanthin on Histological Structure of Prostate and Seminal Vesicle and Epididymis in Diabetic Rats. *AJCM*. 2017; 24 (2) :119-125
13. Farimani M, Poorolajal J, Rabiee S, **Bahmanzadeh M**. Successful pregnancy and live birth after intrauterine administration of autologous platelet-rich plasma in a woman with recurrent implantation failure: A case report. *International Journal of Reproductive Biomedicine*. 2017 Dec;15(12):803.
14. Allahkarami S, Atabakhsh M, Moradi MN, Ghasemi H, **Bahmanzadeh M**, Tayebinia H,. Correlation of Uric Acid, Urea, Ammonia and Creatinine of Seminal Plasma With Semen Parameters and Fertilization Rate in Infertile Couples . *Avicenna J Med Biochem*. 2017 December;5(2):76-80
15. Yavangi M, Rabiee S, Nazari S, Farimani-Sanoee M, Amiri I, **Bahmanzadeh M**, Heidari-Soureshjani S. Comparison of the Effect of Oestrogen Plus *Foeniculum vulgare* Seed and Oestrogen alone on Increase in Endometrial Thickness in Infertile Women. *Journal of Clinical & Diagnostic Research*. 2018 Jan 1;12(1).
16. Rafat A, **Bahmanzadeh M**, Asl SS, Roushandeh AM, Golipoor Z. The role of melatonin preconditioning on survival of bone marrow-derived mesenchymal stem cells in differentiation to osteoblasts. *Iranian Red Crescent Medical Journal*. 2018 Nov 1(In Press).

17. Fathi N, Hoseinipناه SM, Alizadeh Z, Assari MJ, Moghimbeigi A, Mortazavi M, Hosseini MH, **Bahmanzadeh M**. The effect of silver nanoparticles on the reproductive system of adult male rats: A morphological, histological and DNA integrity study. *Advances in clinical and experimental medicine: official organ Wroclaw Medical University*. 2019 Mar;28(3):299-305.
18. Ghaffari F, **Bahmanzadeh M**, Nili-Ahmadabadi A, Firozian F. Cytotoxicity Enhancement of Paclitaxel by Loading on Stearate-g-dextran Micelles on Breast Cancer Cell Line MCF-7. *Asian Pacific Journal of Cancer Prevention*. 2018 Sep 1;19(9):2651-5.
19. Farimani M, Mehrabi N, Pirdehghan A, **Bahmanzadeh M**. The Effects of Subcutaneous Administration of Granulocyte Colony-Stimulating Factor on Pregnancy Outcome After Assisted Reproductive Technology: Clinical Trial. 2018 Des 6(2).31-36
20. Farimani M, Heshmati S, Poorolajal J, **Bahmanzadeh M**. A report on three live births in women with poor ovarian response following intra-ovarian injection of platelet-rich plasma (PRP). *Molecular biology reports*. 2019 Apr 1;46(2):1611-6.
21. **Bahmanzadeh M**, Goodarzi MT, Rezaei Farimani A, Fathi N, Alizadeh Z. Resveratrol supplementation improves DNA integrity and sperm parameters in streptozotocin–nicotinamide-induced type 2 diabetic rats. *Andrologia*. 2019 Jun 9:e13313.
22. Nazarlu ZH, Matini M, **Bahmanzadeh M**, Foroughi-Parvar F. Toxoplasma gondii: A possible inducer of oxidative stress in reproductive system of male rats. *Iranian Journal of Parasitology*. 2020 Oct;15(4):521.
23. Taherimoghaddam M, **Bahmanzadeh M**, Maghsood AH, Fallah M, Tapak L, Foroughi-Parvar F. Toxoplasma gondii induced sperm DNA damage on the experimentally infected rats. *Journal of Parasitic Diseases*. 2020 Nov 10:1-8.
24. Khanvirdiloo S, Ziamajidi N, Moradi A, Ghasemi H, Ghafourikhosroshahi A, **Bahmanzadeh M**, Ghadiri M, Abbasalipourkabir R. Effects of Vitamins A and E on TiO₂ Nanoparticles-Induced Spermatogenesis Defects in Male Wistar Rats. *Iranian Journal of Science and Technology, Transactions A: Science*. 2021 Apr 22:1-0
25. Taherimoghaddam M, **Bahmanzadeh M**, Tapak L, Maghsood AH, Fallah M, Foroughi-Parvar F. Effects of Toxoplasma gondii on Sperm Parameters and Histomorphometry of Testis in Experimentally Infected Rats. *Archives of Clinical Infectious Diseases*. 2021 Apr 30;16(2).
26. Khanvirdiloo S, Ziamajidi N, Moradi A, Ghasemi H, Ghafourikhosroshahi A, **Bahmanzadeh M**, Ghadiri M, Abbasalipourkabir R. Effects of vitamins A and E on TiO₂ nanoparticles-induced spermatogenesis defects in male Wistar rats. *Iranian Journal of Science and Technology, Transactions A: Science*. 2021 Aug;45:1191-200.
27. Baranzadeh K, **Bahmanzadeh M**, Tavilani H, Ghiasvand T, Amiri I, Yavangi M, Shafiee G. Evaluation of methylenetetrahydrofolate reductase and S-adenosyl-methionine level in male infertility: A case-control study. *International Journal of Reproductive BioMedicine*. 2022 Apr 10;20(4):299-306.

28. Taghipour Z, **Bahmanzadeh M**, Rahimi R. The Effects of Clove and Its Constituents on Reproductive System: a Comprehensive Review. *Reproductive Sciences*. 2023 Sep;30(9):2591-614.
29. Taghipour Z, **Bahmanzadeh M**, Khanavi M, Lamardi SN, Tansaz M, Rahimi R. Effects of *Syzygium aromaticum* (L.) Merr. & LMPerry Aqueous Extract on the Letrozole-Induced Model of Polycystic Ovarian Syndrome. *JOURNAL OF BIOLOGICAL REGULATORS AND HOMEOSTATIC AGENTS*. 2023 Sep 1;37(9):4749-59.

PRESENTATION AT CONGRESS (NATIONAL AND INTERNATIONAL):

1. Assessment of anemia in pregnant women of Hamedan hospitals **Poster presented in the 7th nutrient Congress of Iran**. 2002. Tehran, Iran
2. Assessment of iron deficiency in pregnant women of Hamedan hospitals. **Poster presented in the 4th annual research seminar of Iranian medical sciences students**. 2003. Hamedan, Iran
3. Nursing and midwifery students breast self examination knowledge and practice. **Poster presented in the Asian pacific congress on controversies in obstetrics gynecology & infertility**. Thailand ,2004 ,
4. Corelation between outcome of peregnancy and iron deficiency anemia in pregnant women of Hamedan hospitals **Poster presented in the 5th annual research seminar of Iranian medical sciences students**. 2004. Mashhad, Iran
5. Effect of nitric oxide synthase inhibitor (L-NAME) on sperm count and morphology of varicocelzed rat, **Poster presented in the 8th Royan International Congress**. 2007. Tehran, Iran.
6. Effect of nitric oxide synthase inhibitor (L-NAME) on sperm count , morphology , motility and IVF outcome of varicocelzed rat, **Lecture presented in the 9th Royan International Congress**. 2008. Tehran, Iran.
7. Assessment of Infertility in the Relatives of Infertile Men Referred to Fatemmieh Hospital Infertility Center, Hamedan, Iran, 2007-2008. **Poster presented**

8. Effects of administration of Garlic on sperm parameters of diabetic rat. **Poster presented in the 11Th anatomical sciences Congress of Iran.** 2014. Ahvaz, Iran
9. **Antidiabetic potential of salvianolic acid B in multiple low-dose streptozotocin-induced diabetes. Poster presented in the 22th Iranian Congress of Physiology & Pharmacology-2014. Kashan, Iran.**
10. Prevalence, Demographics and Clinical Characteristics of Multiple Sclerosis in North of Khuzestan Province, Iran. **Poster presented in the 12Th International MS Congress .** 2015 , Sari, Iran.
11. Dietary supplementation with astaxanthin may ameliorate sperm parameters and DNA integrity in streptozotocin-induced diabetic rats. **Poster presented in the 2Th International Congress on Reproduction.** 2016, Tehran, Iran.
12. Protective effect of Salvianolic acid B against interleukin-1 β induced toxicity in rat pancreatic islets. **Poster presented in the First Avicenna Medicine Festival.** 2016,Hamedan, Iran.
13. A Proteomic Analysis of Human Follicular Fluid: novel candidate markers for oocyte number and reproductive aging”. **9th International Conference and Expo on Proteomics and Molecular Medicine.** 2017. Paris. France

Publications:

Translation of Gray's Anatomy for Students (head and neck), 5th Edition, 2024