

Maryam Javadi Veshki

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Summary

Current position

Professor assistant in Department of Anatomical sciences, Faculty of medicine, Zanjan University of medical sciences, Zanjan, Iran.

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Education

- **PH.D / Field of Study:** PH.D of Anatomical sciences/ Female infertility and Exosome. (2017-2022).

Thesis Title: Effect of plasma-derived exosomes on cumulus expansion and fertility rate in mice in vitro

MA / Field of Study: Master of Anatomical sciences/ Male infertility. (2011-2013).

Thesis Title: Relationship of Sperm DNA Fragmentation rate with semen parameters and ICSI outcome

B.A/ Field of Study: physiotherapist. (2002-2007).

JOBS

- Worked in hospital as physiotherapist from 2007 until 2009.
- Worked in clinic as physiotherapist from 2013 until 2017
- Taught Anatomy, histology in Sari Azad University of medical sciences 2015-2017.
- Taught Anatomy, histology in Tabriz University of medical sciences. 2018-2020.

- Taught Anatomy, histology in Zanjan University of medical sciences. From 2023.

Publications and Congresses paper presentations

- An Insight on the Role of Altered Function and Expression of Exosomes and MicroRNAs in Female Reproductive Diseases. **Maryam Javadi**, Jafar Soleimani Rad, Mohammad Sadegh Gholami Farashah & Leila Roshangar (2021). Journal of Reproductive Sciences.
 - The Effects of Plasma-Derived Extracellular Vesicles on Cumulus Expansion and Oocyte Maturation in Mice. **Maryam Javadi**, Jafar Soleimani Rad, Mohammad Sadegh Gholami Farashah & Leila Roshangar (2022). Journal of Reproductive Biology.
 - Bone marrow mesenchymal stem cell's exosomes as key nanoparticles in osteogenesis and bone regeneration: Specific capacity based on cell type": Mohammad Sadegh Gholami Farashah; **Maryam Javadi**; Amirhossein Mohammadi; Jafar Soleimani Rad; Seyed Kazem Shakouri; Leila Roshangar (2022). Molecular Biology Reports.
 - Bone marrow mesenchymal stem cells' osteogenic potential: superiority or non-superiority to other sources of mesenchymal stem cells? Mohammad Sadegh Gholami Farashah; Amirhossein Mohammadi; **Maryam Javadi**; Jafar Soleimani Rad; Seyed Kazem Shakouri; Shahla Meshgi; Leila Roshangar (2023). Cell Tissue Bank.
 - 17 β -Estradiol-Loaded Exosomes for Targeted Drug Delivery in Osteoporosis: A Comparative Study of Two Loading Methods. Mohammad Sadegh Gholami Farashah; **Maryam Javadi**; Jafar Soleimani Rad; Seyed Kazem Shakou; Leila Roshangar (2023). Advanced Pharmaceutical Bulletin.
 - Plasma-derived extracellular vesicles improve mice embryo development. **Maryam Javadi**, Mohammad Sadegh Gholami Farashah, Leila Roshangar & Jafar Soleimani Rad (2024). The journal of Molecular Biology Reports
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- Relationship between Sperm Parameters and DNA Fragmentation using a Halosperm Kit. Houshang Rafighdoost, Ph.D, Mir Mehrdad Farsi, Ph.D, **Maryam Javadi M.Sc. ***, Soraya Khafri, Ph.D. (2013). Journal of Iranian society of anatomical sciences.
- Relationship between ICSI Outcome and DNA Fragmentation Using a Halosperm Kit. **Maryam Javadi**, Mir Mehrdad Farsi, Houshang Rafighdoost (2014). 20th Iranian Infertility Congress.

Laboratory Technical Knowledge

Histology Microscopic Slides Production, Sperm analysis, Sperm DNA fragmentation Test, Sperm Chromatin Assessment Test, RT-PCR, Genome extraction, Exosome extraction, Primer Design, Ovarian stimulation and Ovarian follicle Isolation.

Workshops Attended and Certificate

- **Bioinformatics Course:** Genomic and microRNA DataBases. Bio Research Center. National Institute of **Genetic Engineering and Biotechnology** (NIGEB). Tehran, Iran. 9-10 May 2018.
- **Certificate of Training** of Molecular Biology Techniques Practical Course. National Institute of Genetic Engineering and Biotechnology (NIGEB). Tehran, Iran. June 2018.
- **Translating of Abraham** Biology and Pathology

Teaching experience

Anatomy, histology and embryology for **medicine students** in **Zanjan university** of medical sciences, **Tabriz university** of medical sciences and **Islamic Azad university** of Sari.

Language

English Advance, Persian official language.

References

- Leila Roshangar, Ph.D., Department of Stem Cell Research Center, Tabriz University of Medical Sciences, Tabriz, Iran. lroshangar@yahoo.com
 - Jafar Soleimani Rad, Ph.D., Department of Anatomical Sciences, Faculty of Medicine, Tabriz University of Medical Sciences, Tabriz, Iran. soleimanirj@yahoo.com
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