



Personal data

First name: **Fahime**
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Date of Birth: 04.06.1990
Place of Birth: Shahrekord
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Present address

Research and Clinical Center for Infertility
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Education

Degree	Institution	Field	Date
Master	Shahrekord, Iran	Biochemistry	2013-2017
Bachelor	Yazd, Iran	Molecular Cell Biology	2009-2013
Pre-university	Shahrekord, Iran	Experimental Science	June 2008
High School Diploma	Shahrekord, Iran	Experimental Science	June 2007

Language: Persian (main language), English (reading, speaking, writing)

Research interest

Reproductive medicine (ovary, testis), Animal modeling of human reproductive diseases (PCOS, menopause)

Relevant employment history

Laboratory Expert of Biotechnology & Immunohistochemistry Laboratory in Research and Clinical Center for Infertility, Shahid Sadoughi University of Medical Science, Yazd, Iran.

Software skills

Microsoft office (Word, Power Point, Excel, OneNote), Reference Manager, Endnote, SPSS

Laboratory skills

- ICSI, IVF, IVM, ET in laboratory animals.
- Oviduct & uterus flushing mouse
- Laboratory animal surgery (vasectomy, ovariectomy, tubectomy, hysterectomy)
- Vitriification & slow freezing
- Sperm analysis and chromatin staining in human & laboratory animals
- Immuno-histochemistry staining
- PCR, RT-PCR

Bibliography**Publications in Journals**

- 1) Khoradmehr A, **Mazaheri F**, Anvari M, Tamadon A. A simple technique for three-dimensional imaging and segmentation of brain vasculature using Fast Free-of-Acrylamide Clearing Tissue (FACT) in murine. Cell Journal (Yakhteh). Spring 2019;21(1).

In process Research Projects

Title	year	Status (accomplished or in process)
1) Effects of Phosalone plant pesticide on male fertility by using experiment on Rat.		accomplished
2) Investigating cytotoxic Effect of nano titanium dioxide on testis and sperm parameters in mice.		accomplished
3) Investigation of the impacts of estrogen and sesame oil on the hippocampus histomorphologic changes in elderly male mice.		accomplished
4) Study of structural changes in Testis and relationship with fertility In the presence of different concentrations of estradiol and sesame extract.		accomplished
5) Effect of conditioned medium from human testicular sperm extraction derived cell cultures on IVM of mouse oocytes. Running title: Human TCCM for IVM of mouse oocytes.		accomplished
6) Investigating cytotoxic Effects of nano titanium dioxide on ovary in mice.		in process
7) Study of the development of embryos on the 18th day of pregnancy in pregnant mice receiving different doses of infertility (Menogon and hCG) and gamma-ray drugs in experimental mice.		in process
8) A comparison study of the effect of the conditioned medium from hu-man TESE-derived cells, cumulus cells and embryonic stem cells on mouse oocytes in vitro maturation.		in process

9) Ovarian innervation in normal and PCOS patient samples: a three-dimensional architecture evaluation.		in process
10) Comparison of the number of follicles and the development of the ovarian nervous system in rats with polycystic syndrome with oral administration of herbal medicine and metformin.		in process
11) Effects of Electrical Stimulation on Sciatic Nerve for Limb Lengthening in Rats.		in process
12) Comparison of the Effect of one Type of Bacteriocin blended on Fibroin / poly Lactic Acid Composite Nanofibre Scaffold on Normal Cells and Ovarian Cancer.		in process
13) Comparison of bone tissue regeneration using human adipose-derived mesenchymal stem cells and MSC-derived exomes coated on hydrogel scaffold in vitro and in vivo.		in process

B. Conferences and Presentations

- 1) **Mazaheri F**, kalantar SM, Khoradmeh A, Kamali k,N Ziya. Effects of PHOSALONE insecticide on testicular tissue in rats: study histopathology. The 2nd International Congress Reproduction / The 1nd International Congress on Reproductive Health and childbearing May 18-19 2016.
- 2) Khoradmeh A, **Mazaheri F**, Anvari M, Tamadon A. Three-Dimensional Segmentation of Brain Vasculature Using Fast Free-of-Acrylamide Clearing Tissue in mice. Shiraz international neuroscience forum, October 24-26 2018.
- 3) Rezaee-Ranjbar-Sardari R, Adib M, Khoradmeh A, **Mazaheri F**, at Tahajjodi S, Aflatoonian B*. An investigation of the effect of the human cumulus cell conditioned medium on mouse oocytes in vitro maturation. “8th Yazd International Congress and Student Award in Reproductive Medicine”, Shahid Sadoughi University of Medical Sciences, Yazd, Iran 19-21 April 2019.
- 4) Rezaee-Ranjbar-Sardari R, Dehghani Ashkezari M, Seifati M, Khoradmeh A, Adib M, **Mazaheri F**, Golzadeh J, Aflatoonian B*. An investigation of the effect of the human embryonic stem cells conditioned medium on mouse oocytes in vitro maturation. “8th Yazd International Congress and Student Award in Reproductive Medicine”, Shahid Sadoughi University of Medical Sciences, Yazd, Iran 19-21 April 2019.
- 5) Adib M, , Seifati M, Dehghani Ashkezari M, Khoradmeh A, Rezaee-Ranjbar-Sardari R, **Mazaheri F**, Akyash F, Aflatoonian B*. Evaluation the effect of the conditioned medium from human testicular sperm extraction cell cultures on in vitro maturation in mice. “8th Yazd International Congress and Student Award in Reproductive Medicine”, Shahid Sadoughi University of Medical Sciences, Yazd, Iran 19-21 April 2019.

Courses taught

Executive Experiences:

- 1) Thesis Consuler for Anatomy and Biology Students, Shahid Sadoughi University of Medical Sciences, Yazd, Iran, 2016 to 2019.
- 2) A Member of Executive Committee, “6th, 5th, 4thSummer School”, Research and Clinical Center for Infertility, Shahid Sadoughi University of Medical Sciences, Yazd, Iran, 2016, 2017, and 2018.
- 3) A Member of Executive Committee, “8thand 7th,Yazd International Congress and Student Award in Reproductive Medicine”, Shahid Sadoughi University of Medical Sciences, Yazd, Iran 2017, and 2019.
- 4) A Member of Executive Committee, “4thNational Symposium on the Biology of Reproduction”, Research and Clinical Center for Infertility, Shahid Sadoughi University of Medical Sciences, Yazd, Iran, 2016.
- 5) A Member of Executive Committee, “4th National Symposium on the Biology of Reproduction”, Research and Clinical Center for Infertility, Shahid Sadoughi University of Medical Sciences, Yazd, Iran, 2016.

Certification of appreciation:

- 1) Appreciation for “Outstanding effort”, “8thand 7th,Yazd International Congress and Student Award in Reproductive Medicine”, Shahid Sadoughi University of Medical Sciences, Yazd, Iran 2017, and 2019.
- 2) Appreciation for “Outstanding effort”, 7th Innovation Competition for Students, Science and Technology Park, Yazd, Iran, May 2016.
- 3) Appreciation for “Outstanding effort”, “6th, 5th, 4thSummer School”, Research and Clinical Center for Infertility, Shahid Sadoughi University of Medical Sciences, Yazd, Iran, 2016, 2017, and 2018.

References:

- ❖ Professor Abas Aflatoonian. Professor of Infertility. Research and Clinical Center for Infertility, Shahid Sadoughi University of Medical Sciences, Yazd, Iran.
Email: abbas_aflatoonian@yahoo.com
- ❖ Professor Seyed Mehdi Kalantar. Professor of Genetic and Pre-Natal Diagnosis. Research and Clinical Center for Infertility, Shahid Sadoughi University of Medical Sciences, Yazd, Iran.
Email: kalantarsm@ystp.ac.ir
- ❖ Dr. Morteza Anvari. Assistant professor of Embryology Department of Anatomy, School of MedicineYazd University of Medical Sciences and Clinical Embryologist Research & Clinical Center for Infertility, Yazd University of Medical Sciences, Yazd, Iran..
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