

Azita Faramarzi
Assistant Professor, School of Medicine, KUMS
Curriculum Vitae

Date prepared: 9.23.2018

Personal Information:

Place of Birth: Kermanshah, Iran

Languages: Persian (Native)

English (fluent)

Single

Contact Information:

Address: Department of Anatomical Sciences and Biology, School of Medicine, Kermanshah
University of Medical Sciences, Kermanshah, 6714869914, Iran, Tel/Fax: +98 - 83 - 34274618
Mobile: +989188336430 Email: a.faramarzi90@gmail.com

Education:

Ph.D., Reproductive Biology, Shahid Sadoughi University of Medical Sciences, Research
and Clinical Center for Infertility, Yazd Reproductive Sciences Institute 2012-2017
M.Sc., Medical Physiology, Tehran University of Medical Sciences, School of Medicine,
Department of Medical Physiology 2008-2011
B.Sc., Midwifery, Kermanshah University of Medical Sciences, Faculty of Nursing and
Midwifery 2001-2005

Research Interests:

- Biology and pathology of human sperm, oocyte and embryo.
- In vitro and in-vivo study to improve human embryo implantation.
- Human study and animal model study for male and female reproductive system disorders (PCO, endometriosis, Poor responder, RIF patient, azoospermia, oligo-astheno-teratospermia)
- ART techniques improvement (SA, IUI, IVM, IVF, ICSI, sperm- egg and embryo freezing, embryo biopsy and etc.)
- High technology in ART (MSOME, IMSI, time lapse & morphokinetics, oocyte polraide)

Publications:

International

1. **Faramarzi A**, Seifi B, Sadeghipour HR, Shabanzadeh AR, Ebrahimipour M. Prooxidant-antioxidant balance and malondialdehyde over time in adult rats after tubal sterilization and vasectomy. Clin Exp Reprod Med. 2012
2. Zare S, Rahmani Y, Eghbal Eftekhari T, **Faramarzi A**, Alavi A, Fallahi S .Role of oxidative stress in Male infertility. International Electronic Journal of Medicine (IEJM) July 2013

3. **Faramarzi A**, Khalili MA, Soleimani M. First successful pregnancies following embryo selection using Time-lapse technology in Iran: Case report. *Iran J Reprod Med*. 2015
4. Rahiminia T, **Faramarzi A**, Khoradmehr A, Khalili Ma. Cumulus co-culture system does not improve the in-vitro maturation (IVM) of oocytes in mice. *MEFS*. 2016
5. Safari S, **Faramarzi A**, Agh-Rahimi A, Khalili MA. Live birth in woman with recurrent implantation failure and adenomyosis following transfer of refrozen-warmed embryos: case report. *CERM*. 2016.
6. Fesahat F, **Faramarzi A**, Khoradmehr A, Omidi M, Anbari F, Khalili MA. Vitrification of mouse MII oocytes: Developmental competency using paclitaxel. *Taiwan Association of Obstetrics and Gynecology*. 2016
7. **Faramarzi A**, Khalili MA, Ashourzadeh S. Oocyte morphology and embryo morphokinetics in ICSI program: is there a relationship? *Zygote*. 2017.
8. **Faramarzi A**, Khalili MA, Giuletta M, Agha-Rahimi A. Revealing the secret life of pre-implantation embryos by time lapse monitoring: a review. *Iran J Reprod Med*. 2017
9. Omidi M, **Faramarzi A**, Agha-Rahimi A, Khalili MA. Non-invasive imaging systems for gametes and embryo selection in IVF programs: a review. *Journal of Microscopy*. 2017
10. Fesahat F, **Faramarzi A**, Sheikhha MH, Dehghani Firouzabadi R, Khalili MA. Comparing the effects of different in vitro maturation media on IVM outcomes of MI oocytes. *MEFS*. 2017.
11. **Faramarzi A**, Khalili MA, Agha-Rahimi A, Omidi M. Is there any correlation between oocyte polarization microscopy findings with embryo time lapse monitoring in ICSI program? *Archives of Gynecology and Obstetrics*. 2017
12. Fesahat F, Dehghani Firouzabadi R, **Faramarzi A**, Khalili MA. The effects of different types of media on in vitro maturation outcomes of human germinal vesicle oocytes retrieved in intracytoplasmic sperm injection cycles. *Clinical and Experimental Reproductive Medicine*. 2017
13. **Faramarzi A**, Khalili MA, Omidi M. Morphometric analysis of human oocytes does not predict the morphokinetic of corresponding embryos. *Human Fertility*, 2017.
14. **Faramarzi A**, Khalili MA, Omidi M. Agha-rahimi A, Taheri F. Pronuclear pattern does not predict morphokinetics behavior in human embryos. *Gynecological Endocrinology*. 2018.
15. **Faramarzi A**, Khalili MA, Ashourzadeh S. Does rescue oocyte in vitro maturation (IVM) impair embryo morphokinetics development? *Zygote*. Accept (2018)

National

1. **Faramarzi A**, Seifi B, Sohani M, H Sadeghipour HR. The effect of bilateral vasectomy on the serum levels of Prooxidant-Antioxidant Balance (PAB) and lipid peroxidation in rat.

2. **Faramarzi A**, Seifi B, Sadeghipour HR, Shabanzadeh A, Sohani M, Ebrahimipour M, Effects of bilateral tubal sterilization on serum oxidative stress and ovarian hormones in female rats. *MEDICAL JOURNAL OF HORMOZGAN UNIVERSITY*. 2013.16:437-444
3. Najafian, A, Yosefzadi, M, Alavi, A, Amjadi Golpayegani, K., Dadipoor, S., Safar Moradabadi, A., Fallahi, S., **Faramarzi, A**. Post surgical adhesion prevention: Vitamin C or Satureja Khuzestanica. *VETERINARY CLINICAL PATHOLOGY (VETERINARY JOURNAL TABRIZ)*. 20137:1786-1792

Publication in Process:

1. Omidi M, Khalili MA, Agha-Rahimi A, Anbari F, **Faramarzi A**. Efficacy of the In-vitro Splitting in Human Pre-implantation Embryos from ART programs. *Reproduction, fertility and development*.
2. Ashourzadeh S, Omidi M, Khalili MA, Nottola S, **Faramarzi A**, Habibzadeh V. Supplementation of IVM Culture Media with GDF-9 Enhanced Oocyte Quality, Fertilization and Embryo Development in ICSI Program.
3. Omidi M, **Faramarzi A**, Agha-Rahimi A, Farshchi FS, Khalili MA. Total Fertilization Success and Embryo Formation in ART Treatments: Does It Have Any Predictive Value? Submitted in JBRA
4. Taheri F, Omidi M, Khalili MA, Agha Rahimi A, Sabour M, **Faramarzi A**. Fluctuations between estradiol level and cumulus oocyte complex count: Does it predict the outcomes of ART cycles?
5. **Faramarzi A**, Khalili MA, Mangoli EA. Is there any correlation between embryo morphokinetics and maternal age?

M.Sc. Thesis:

Survey of Tubal ligation on serum Prooxidant-Antioxidant Balance (PAB) and Estrous cycle cycles in rat

Ph.D. Thesis:

Comparison of cytokinetic assessment of embryos generated from in-vitro (IVM) and in vivo matured human oocytes in ICSI program.

Abstracts in Congress:

1. Effect of bilateral vasectomy on the serum levels of Prooxidant-Antioxidant Balance and Lipid peroxidation in rat. 20 th Iranian Congress Physiology and pharmacology
2. Effect of Bilateral Tubal Ligation on ovarian function in female rat. 20 th Iranian Congress Physiology and pharmacology

3. Ovarian function over time in adult rats after tubal sterilization. 14 th congress on Reproductive Biomedicine and 9 th congress on stem cells Biology and technology
4. Ethical Considerations in Sex selection. 7th Annual Neuro-Genetic Congress
5. A survey of infertile women' s attitudes towards surrogacy. First International congress of reproductive ethics
6. Comparing in-vitro maturation of oocytes in presence of mature or immature cumulus cells in mice. the 6 th international congress and student award in reproductive medicine with 1 th reproductive genetic congress
7. Medical staff' viewpoint on ART nursing working at Reproductive Institute. the 6 th international congress and student award in reproductive medicine with 1 th reproductive genetic congress
8. First successful pregnancies following embryo selection using Time-lapse technology in Iran. the 6 th international congress and student award in reproductive medicine with 1 th reproductive genetic congress
9. The effects of chronic and acute ethanol administration on sperm chromatin parameters in mice. the 6 th international congress and student award in reproductive medicine with 1 th reproductive genetic congress
10. Effects of bilateral tubal ligation on serum oxidative stress and ovarian function in female rats. the 13 th International congress on reproductive medicine
11. Ovarian function over time in adult rats after tubal sterilization. the 14 th International congress on reproductive medicine
12. The effect of bilateral vasectomy on the serum levels of oxidative stress in rat. 19 th national congress on Infertility and Reproduction
13. Comparative study of prooxidant-antioxidant balance and malondialdehyde after tubal sterilization and vasectomy over time in adult rats. 3th International and 18 th National Congress of Iranian Society for Reproductive Medicine
14. Embryo kinetics and oocyte quality: is there a relationship? The 2nd International Congress on Reproduction. 2016
15. Comparison of different in vitro maturation media for immature oocytes obtained from stimulated ICSI cycles. The 2nd International Congress on Reproduction. 2016
16. Vitrification of mouse MII oocytes: Developmental competency using paclitaxel. 7th Yazd International Congress and Student Award in Reproductive Medicine with 2nd

congress of reproductive genetics and congress of reproductive Immunology. 2017
(winner)

17. Does rescue oocyte in vitro maturation (IVM) impair embryo morphokinetics development? : a time lapse study. 7th Yazd International Congress and Student Award in Reproductive Medicine with 2nd congress of reproductive genetics and congress of reproductive Immunology. 2017
18. Is there any correlation between oocyte polarization microscopy findings with embryo time lapse monitoring in ICSI program? **ESHRE**. 2017
19. Pronuclear pattern does not predict morphokinetics behavior in human embryos. The 3rd International Congress on Reproduction, ISERB 2017.

Prizes/Awards:

- 7th Yazd International Congress and Student Award in Reproductive Medicine with 2nd congress of reproductive genetics and congress of reproductive Immunology. 2017
- The best thesis in The 4rd Award of excellence in the field of Reproduction, ISERB 2018.

Organizing activities for congress, workshop, etc

- Work shop tutor of embryo selection in Yazd reproductive institute 2016
- Summer school tutor of sperm analysis in faculty of medicine, Kermanshah University of Medical Sciences
- Member of scientific committee of 7th Yazd International Congress and Student Award in Reproductive Medicine.
- Member of scientific committee of 4rd International Congress on Reproduction.
- Member of executive committee of 20th national congress of reproductive medicine 2014

- Member of executive committee of 15th National congress on of medical education
- Member of executive committee of 6th Yazd International Congress and Student Award in Reproductive Medicine
- Member of panel of embryo manipulation and selection in ART in 7th Yazd International Congress and Student Award in Reproductive Medicine.
- Member of panel of new technologies and embryology in 4rd International Congress on Reproduction.