

In the Name of God
CURRICULUM VITAE



Personal Information:

Name: Abbasali Karimpour Malekshah

Qualification: Ph.D.

Sex: male

Marital status: Married

Children: 3

Nationality: IRAN

Date of birth: 1964

Place of birth: Neka, Mazandaran

Academic Level: Professor

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University Education:

1995- 1996, Fellowship in IVF & ICSI, Yamagata University, Yamagata, Japan.

1990- 1995, Ph.D in Histology and Embryology, Tarbiat Modarres University, Tehran, Iran

1988- 1990, MSc in Histology and Embryology, Tarbiat Modarres University, Tehran, Iran

1984- 1988, BS in Biology, Mashhad University, Mashhad , Iran

Memberships:

- Iranian Society of Anatomy
- Iranian Society of Fertility and Infertility

Scientific Experiences:

Ph.D. Studies undertaking course works

And researches mainly in the field of IVF and embryo culture. Training course in clinical embryology as a fellowship researcher.

Teaching Experiences:

28 Years, from 1991 up to now, in the field of histology and embryology.

Work Experience:

Working in the- lab of university hospital (Infertility center) as an embryologist from 2000 to now.

Publications:

1. **Karimpour Malekshah A.** Folliculogenesis (a review article). *J. Mazandaran University Medical sciences*, 1995; 3(8,9): 70-83.
2. **Karimpour Malekshah A.**, Hoseini A., Rezazadeh M. The effect of human follicular fluid (FF) on preimplantation mouse embryo development in vitro. *Pajuhesh, J. of Shaheed Beheshti University*, 1996, 19(3&4).
3. Esmailnejad Moghaddam A., **Karimpour Malekshah A.** Fertilization ability of washed and unwashed spermatozoa from different parts of mouse epididymis. *J. Mazandaran University of Medical Sciences*, 1997, 7(14):6-11.
4. **Karimpour Malekshah A.**, Esmailnejad Moghaddam A., Hoseini A., Rezazadeh M. The effect of uterine fluid on preimplantation mouse embryo development in vitro. *J. Mazandaran University of Medical Sciences*, 1997, 6(13): 1-9.
5. **Karimpour Malekshah A.**, Taghi-attoreihi M., Esmailnejad Moghaddam A. Comparative morphometric studies of invasive ductal carcinoma of breast and its metastatic deposits in the axillary lymph nodes. *J. Mazandaran University of Medical Sciences*, 1998,8(19):1-7.
6. Esmailnejad Moghaddam A., **Karimpour Malekshah A.** Intracytoplasmic sperm injection (ICSI) in mice by a new holding pipette. *Medical Journal of IRI*, 1999, 13(3): 219-223.
7. **Karimpour Malekshah A.**, Esmailnejad Moghaddam A. The Effect of sperm incubation time on oocyte fertilization rate in intracytoplasmic sperm injection (ICSI). *J. Mazandaran University of Medical Sciences*, 1999, 8(21): 1-7.
8. **Karimpour Malekshah A.**, Esmailnejad Moghaddam A. Intracytoplasmic sperm injection in mouse: The effect of niddle piercing and medium discarding on oocyte degeneration. *Kowsar Medical Journal*, 1999, 4(3).
9. Esmaili F., Rezazadeh M., **Karimpour Malekshah A.** Comparing the effect of 6 and 10 days old chick embryo amniotic fluid on development of preimplantation mouse embryo. *Yakhteh*, 1999, 1(1).
10. Esmailnejad Moghaddam A, **Karimpour Malekshah A.**, Talebpour F., Taringo F. The prevalence of infertility in central region of Mazandaran Province in 1999. *J Mazandaran University of Medical Sciences*, 2000; 10(27): 12-18.
11. Esmailnejad Moghaddam A., **Karimpour Malekshah A.** Effect of pyruvate, lactate and glucose on the preimplantation development of mouse embryo in vitro. *J. Mazandaran University of Medical Sciences*, 2001, 11(31).
12. Esmailnejad Moghaddam A, **Karimpour Malekshah A.**, Aliabadi E.. Effect of galactose and fructose as replacement of glucose in culture medium on the development of 2- cell mouse embryo

in vitro. J. Mazandaran University of Medical Sciences, 2002, 12(36).

13. **Karimpour Malekshah A.**, Amir Esmailnejad Moghaddam. Effect of co-culture of granulosa cells on mouse one-cell embryo development in vitro. Pajuhesh, Journal of the Shaheed Beheshti University of Medical Sciences, 2004; 27(4).
14. **Karimpour Malekshah A.**, Jila Torabizadeh, Toxicity Effects of aluminium chloride on uterus and placenta of pregnant mice. Journal of Babol University of Medical Sciences, 2005, 7(1).
15. Torabizadeh J., **Karimpour Malekshah A.** Incidence of Major congenital malformations after short term exposure to aluminium chloride in mice. Journal of Gorgan University of Medical Sciences, 2005, 6(14).
16. **Karimpour Malekshah A.**, Esmailnejad Moghaddam A.. Follicular fluid and cumulus cells synergistically improve mouse early embryo development in vitro. J Reprod Develop, 2005; 51(2).
17. **Karimpour Malekshah A.**, Esmailnejad Moghaddam A., Moslemizadeh N., Peivandi S., Mousanejad N.. Incidence and main cause of infertility in patients attending the infertility center of Imam Khomeini hospital in 2002-2004. J. Mazandaran University of Medical Sciences, 2005-6, 15(49).
18. **Karimpour Malekshah A.**, Torabizadeh J., Naghshvar F. Developmental toxicity of aluminum from high doses of ALCL3 in mice. The Journal of Applied Research in clinical and Experimental Therapeutics, 2005, 5(4): 575-579.
19. **Karimpour Malekshah A.**, Esmailnejad Moghaddam A, Mousavi S.. Comparison of conditioned medium and direct co-culture of human granulosa cells on mouse embryo development. Indian Journal of Experimental Biology, 2006, 44:189-192.
20. **Karimpour Malekshah A.**, Esmailnejad Moghaddam A..Effect of incubation volume on the development of mouse embryos in vitro. IRJM, 2006, 3(2): 79-82.
21. **Karimpour Malekshah A.**, Joursarayee G., Mousanejad N., Aghajani-mir M., Esmailnejad Moghaddam A. The frequency of varicoceles in men with primary and secondary infertility referring to two infertility centers in Mazandaran during 2001-2005. Feyz; Journal of Kashan University of Medical Sciences, 2006, 10(1): 50-54.
22. **Karimpour Malekshah A.**, Esmailnejad Moghaddam A., Mousavi S. The effect of human cumulus cell-conditioned medium on mouse embryo development in vitro. Daneshvar, 2006, 13(63): 75-79.23.
23. **Karimpour Malekshah A.**, Bahrol-olumi S, Kalteh A., Esmailnejad Moghaddam A., Talebpour F. Morphometrical study of mouse pre-implantation embryos: comparison of in vitro- and in vivo-produced embryos. J. Mazandaran University of Medical Sciences, 2008, 18 (67):43-49.
24. Peivandi S., **Karimpour Malekshah A.**, Moslemizadeh N. Effect of L-carnitine on infertile men's

- spermogram: a randomized clinical trial. *J Reprod Infertil*, 2010, 10 (4): 245-251.
25. **Karimpour Malekshah A.**, Esmailnejad Moghaddam A., Moslemizadeh N., Peivandi S., Musanejad N., Barzegarnejad A., Joursarayee G. Infertility in mazandaran province- north of Iran: an etiological study. *IJRM*, 2011, 9 (1): 21-24.
26. Khalili Savadkhohi S., **Karimpour Malekshah A.**, Alizadeh A., Esmailnezad Moghadam A., Shiravi A., Mirhosseini M. The effect of light on mouse preimplantation embryo development in vitro. *J. Mazandaran University of Medical Sciences*, 2011, 21(80): 17-24.
27. Heidari M., **Karimpour Malekshah A.**, Parivar K., Khanbabaei R., Rafiei A. Effect of fibroblast co-culture on in vitro maturation and fertilization of mouse preantral follicles. *International Journal of Fertility and Sterility*, 2011, 5(1): 1-8.
28. Heidari M., **Karimpour Malekshah A.**, Azami N., Mirhoseini SM., In Vitro maturation of mouse preantral follicles in two culture media: A comparative study. *Annals of Biological Research*, 2012, 3 (10): 4937-4941.
29. Mohammadi Gorji S., **Karimpour Malekshah A.**, Hashemi Soteh MB., Rafiei A., Parivar K., Aghdami N., Effect of Mesenchymal stem cells on doxorubicin induced fibrosis. *Cell Journal*, 2012 , 14 (2): 142-151.
30. Mohammadi Gorji S., **Karimpour Malekshah A.** Effect of doxorubicin on Bcl2 and Bax genes expression in rat heart. *Journal of Gorgan University of Medical Sciences*, 2013, 15(1): 19-24.
31. **Karimpour Malekshah, A.** HeidariM , Parivar K, Sadat Azami N. The effects of fibroblast co-culture and activin a on in vitro growth of mouse preantral follicles *Iranian Biomedical Journal* 2014, 18 (1): 49-54
32. Entezari M. **Karimpour Malekshah A.**, Esmailnejad Moghaddam A., Ghasemi Hamidabadi H., Heidari M. Effect of embryonic fibroblast cells conditioned medium on in vitro maturation of immature mouse oocytes. *J Mazand Univ Med Sci*, 2014; 24(Supple 1): 107-114.
33. Ghandi N., **Karimpour Malekshah A.**, Esmailnejad Moghaddam A. Effect of equilibration time in vitrification solution on post-thawed survival rate and development of mouse two cell embryos. *J Mazand Univ Med Sci*, 2014; 24(Supple 1): 254-259.
34. Khalatbary A., Ahmadvand H., Nasiry Zarringhabae D., **Karimpour Malekshah A.**, Navazesh A. Virgin olive ameliorates deltamethrin-induced nephrotoxicity in mice: A biochemical and immunohistochemical assessment. *Toxicology Reports*, 2016; 3: 584-590.
35. Ghandi N., **Karimpour Malekshah A.**, Which stage of mouse embryos is more appropriate for vitrification? *Int J Fertil Steril*, 2017; 10(4):357-362
36. Mirhoseini M., Talebpour Amiri, F., **Karimpour Malekshah A.**, Rezanejad Gatabi, Z., Ghaffari E. Protective effects of melatonin on testis histology following acute torsion-detorsion in rats. *Int J Fertil Steril*, 2017; 15(3): 141-146.
- 37- Hamzeh M. Talebpour Amiri, F., **Karimpour Malekshah A.**, Yaghubi Beklar S., Hoseinimehr SJ. Protective effect of atorvastatin against cardiotoxicity and hematotoxicity induced by cyclophamide in rat. *J Mazandaran Univ Med Sci*, 2017; 27(151): 1-11

38. Kian K., . Khalatbary A., Ahmadvand H., **Karimpour Malekshah A.**, Shams Z. Neuroprotective effects of (-)-epigallocatechin-3-gaiiatee (EGCG) against peripheral nerve transection-induced apoptosis. *Nutritional neuroscience*, 2018; 1-9

C. Abstracts (in journals):

- Sperm motility and intracytoplasmic sperm injection
- Mouse ICSI by a new holding pipett
- Dose incubation of sperm sample increase the fertilization rate following intracytoplasmic sperm injection
- The fertilizing ability of sperm of different regions of the mouse epididymis
- Micro droplet can support mouse early embryo development in vitro

Conference Presentations:

- 1- The effect of FF on mouse preimplantation embryo development in vitro. 9th world congress on in vitro fertilization and assisted reproduction, viena, Austria, 1995.
- 2- Mouse ICSI by new holding pipette. 10th word congress on in vitro fertilization and human reproductive genetics, Vancouver, Canada, 1997.
- 3- Sperm motility and intracytoplasmic sperm injection. 10th word congress congress on in vitro fertilization and human reproductive genetics, Vancouver, Canada, 1997.
- 4- Dose incubation of sperm sample increase the fertilization rate following intracytoplasmic sperm injection? 11th word congress on in vitro fertilization and human reproductive genetics, Sydney, Australia, 1999.
- 5- The fertilizing ability of sperm of different regions of the mouse epididymis. 11th world congress on in vitro fertilization and human reproductive genetics, Sydney, Australia, 2003
- 6- Micro droplet can support mouse early embryo development in vitro. The 4th world congress on controversies in obstetrics gynecology and infertility, Berlin, Germany, 2003.
- 7- The effect of glucose, galactose and fructose on preimplantation development of 2- cell mouse embryo in vitro. The 4th world congress on controversies in obstetrics gynecology and infertility, Berlin, Germany,2003.

- 8- The effect of human granulosa cell- conditioned media on mouse embryo development in vitro. Asian pacific congress on controversies in obstetrics gynecology and infertility. Bangkok, Thailand, 2004.
- 9- Assessment of different factors and pregnancy rates in infertile couples. Asian pacific congress on controversies in obstetrics gynecology and infertility, Thailand, 2004.
- 10- Effects of co-culture of granulosa cell on one- cell mouse embryo development in vitro. 13th world congress on in vitro fertilization assisted reproduction and genetics, Istanbul, Turkey, 2005.
- 11- The effect of volume of culture media on in vitro development of mouse embryo. 13th world congress congress on controversies in obstetrics gynecology and infertility, Istanbul, Turkey, 2005.
- 12- Incidence of varicocele in men with primary and secondary infertility. 18th FIGO world congress of gynecology and obstetrics, Kuala Lumpur, Malasia, 2006.
- 13- Comparison of the intramuscular and subcutaneous injection of sperm antigen as a contraception. 18th FIGO world congress of gynecology and obstetrics, Kuala Lumpur, Malasia, 2006.
- 14- Ovulation monitoring at the time of insemination in intrauterine insemination (IUI) procedure. 20th world congress on infertility and sterility, Munich, Germany, 2010.
- 15- Effect of sperm characteristics on the success of intrauterine insemination. 20th world congress on infertility and sterility, Munich, Germany, 2010.

Research Interests:

- Preimplantation embryo development
- Stem cells
- Teratology