

Mitra Bakhtiari

Address:

Department of Anatomy & Biology,
Kermanshah University of Medical
Sciences

Kermanshah, Iran.

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miana512000@yahoo.com

Date of Birth: nov. 19, 1972



Educational Background

1385 **Ph.D.** in anatomical sciences / Shaheed Beheshti University of Medical Sciences/
(2006-2010) Tehran [GPA: 18.67/20]

1382-1384 **M.Sc.** in Anatomical Sciences / Tehran University of Medical Sciences / Tehran
(2004-2006) [GPA: 18.32/20]

1370-1374 **B.Sc.** in Midwifery / Kermanshah University of Medical Sciences/ Kermanshah
(1991-1995) [GPA:18.43/20]

Research Interests

- Clinical embryology
- Microinjection (ICSI)
- Laser hatching
- Sperm analysis, processing and cryopreservation
- Experimental and clinical in vitro fertilization
- Oocyte and embryo vitrification
- Adult stem cells and neural differentiation
- 2- dimensional electrophoresis
- Proteomics

Research Activities

- M.Sc. Thesis**
(2005-2006)
1- *“The effect of different doses of hyaluronan on morphology, motility, vitality and fertilization capability of cryopreserved / thawed sperm in mouse.”*,
Department of Anatomy., Tehran University of Medical Sciences.
[Supervisors : Dr. A. Sobhani & Dr. M. Akbari]
- Ph.D. Thesis**
(2008-2010)
2- *“Differentiation of human skin-derived precursors to neurons and proteomics of precursors and differentiated cells by 2-Dimensional electrophoresis”*,
Medical Biology Research Center, kermanshah University of Medical Sciences with Shaheed Beheshti University of Medical Sciences/ Tehran.
[Supervisors: Dr. U. Sadeghi & Dr. A. Mostafaie]
- Research Director**
(2005)
3- *“In vitro effect of Clomiphene citrate on morphology, motility, vitality and fertilization capability of sperm in mice”*,
Infertility Research Center, kermanshah University of Medical Sciences.
- Research Director**
(2008-2010)
4- *“Proliferation and differentiation rate in glial differentiated cells from human Skin-Derived Precursors in vitro and proteome comparison in precursors and differentiated cells”*,
Medical Biology Research Center, kermanshah University of Medical Sciences
Best research award winner
- Research Assistant**
(2010-...)
5- *“In vitro differentiation of human Skin-Derived Precursors to insulin producer cells.”*,
Medical Biology Research Center, kermanshah University of Medical Sciences.
[Director: Dr. A. Mostafaie]
- Research Assistant**
(2010-...)
6- *“Survey of walnut effect on spermatogenesis in adult male rats.”*,
Department of anatomy & biology, kermanshah University of Medical Sciences.
[Director: Dr. R. Ghorbani]

**Research Assistant
(2009-2010)**

7- *“Differentiation of olfactory ensheathing cells to endothelial cells in rat.”,*
Medical Biology Research Center, kermanshah University of Medical Sciences
[Director: Dr. A. Mostafaie]

**Research Assistant
(2009-...)**

8- *“Differentiation of olfactory ensheathing cells to hair cells in rat.”,*
Medical Biology Research Center, kermanshah University of Medical Sciences.
[Director: Dr. A. Mostafaie]

**Research Assistant
(2012-...)**

9- *“The survey of the protective effect of peripheral administration of hydro-alcoholic extract of Utrica dioica on sperm parameters disorders induced by nicotin in male mice.”*
Department of anatomy & biology, kermanshah University of Medical Sciences.
[Director: Dr. C. Jalili]

**Research Director
(2013-...)**

10- *“Prevalence of secondary infertility and its relative risk factors in referred infertile couples to infertility ward of Kermanshah Motazedi hospital 2010-2012.”*
Department of anatomy & biology, kermanshah University of Medical Sciences.

**Research Director
(2013-...)**

11- *“Prevalence of primary infertility and its relative risk factors in referred infertile couples to infertility ward of Kermanshah Motazedi hospital 2010-2012.”*
Department of anatomy & biology, kermanshah University of Medical Sciences.

**Research Director
(2013-...)**

12- *“ A comparative study of the efficiency of group positive psychotherapy with group cognitive therapy in treating of major depression and enhancing happiness in infertile women.”*
Department of psychology, kermanshah University of Medical Sciences

Research
Director
(2013-...)

13- "Study of embryonic formation rate from vitrified mature oocytes in different time after retrieval in mice."

Fertility & Infertility Research Center, Kermanshah University of Medical Sciences.

Research
Director
(2013-...)

14- "Comparison of successful conception after second day (2- 4cell) and fifth day (blastocyst) embryo transfer in mice".

Fertility & Infertility Research Center, Kermanshah University of Medical Sciences.

Awards and Honors

- | | |
|------|--|
| 2006 | 1 st rank in Ph.D. Entrance exam in Anatomical Sciences in 1384. |
| 2004 | 1 st rank in M. Sc. Entrance exam in Anatomical Sciences in 1382. |
| 2006 | Premier poster in 7 th Iranian Congress of Anatomical Sciences. Kashan- Iran. |
| 2011 | Premier research in national celebration of "elm ta amal" |

Publications

- 2016 1-Sara Khaleghi, **Mitra Bakhtiari***, Atefeh Asadmobini, Farzane Esmaeili, Tribulus terrestris Extract Improves Human Sperm Parameters In Vitro. **Journal of Evidence-Based Complementary & Alternative Medicine**. DOI: 10.1177/2156587216668110
- 2016 2- Shiva Roshankhah, Rostam Ghorbani, Mozafar Khazaei, **Mitra Bakhtiari**, Mohammad Reza Salahshoor, Cyrus Jalili*. Internal Evaluation of Department of Anatomy and Cell Biology at Kermanshah University of Medical Sciences. **Educ Res Med Sci** 2016; 5(1)]
- 2016 3-Nasrin Jalilian, **Mitra Bakhtiyari**, Farahnaz Keshavarzi, Anisodowleh Nankali, Negin Rezavand, FiroozehVeisi, Maryam Hematti. improvement in sperm quality and increased pregnancy rate after intrauterine insemination. **Acta Medica Mediterranea**, 2016, 32: 941.
- 2016 4- Seyed Teymur Seyedi Asl, Kheirollah Sadeghi, **Mitra Bakhtiari***, Seyed Mojtaba Ahmadi, Alireza Nazari Anamagh, Tayebeh Khayatan, Effect of Group Positive Psychotherapy on Improvement of Life Satisfaction and The Quality of Life in Infertile

- 2015** 5- Maryam Zangeneh, Mastaneh Kamravamanesh*, FirozehVaisi, Ngin Rezavand, Behzad Ebrahimi, Afshin Almasi, **Mitra Bakhtiari**. Relationship Between Glucose Challenge Test And Early And Mid-Pregnancy Body Mass Index. **wjpls**, 2015, Vol. 1, Issue 3, 71-80.
- 2015** 6- Negin Rezavand, Mastaneh Kamravamanesh*, Maryam Zangeneh, Firozeh Vaisi, Mansour Rezaei, Ali Reza Hayati, **Mitra Bakhtiari**. relationship between erpregnancy interval and neonato-maternal outcomes. **wjpls**, 2015, Vol. 1, Issue 3, 81-91
- 2015** 7- Alireza Agha Yusefi, Mehdi Dahestani, Parastoo Abaspour, **Mitra Bakhtiari**, Sarah Vafae. Evaluation of the Effectiveness of Quality of Life Therapy (QOLT) on Individual Well-being and Happiness of Infertile Women. **Mediterranean Journal of Social Sciences**.
- 2015** 8- Jamile Shahverdi, Seyed Mojtaba Ahmadi *, Kheirollah Sadeghi, **Mitra Bakhtiari**, Mansour Rezaei, Fateme Veisy, Firoze Khamoshi. A comparative study of the level of mental health, happiness, inferiority feelings, marital satisfaction and marital conflict in fertile and infertile women in Kermanshah. *Clin Res Paramed Sci* 2015; 4(3):277-285.
- 2015** 9- Jamile Shahverdi*, Mansour Rezaei, Maryam Ayazi roozbahani, Kheirollah Sadeghi, **Mitra Bakhtiari**, Maryam Shahverdi. Relationship between general health with happiness, inferiority feeling and marital conflict in Borujerd city infertile women. *journal of nursing and midwifery sbmu*. 1394. 25 (90) 47-54.
- 2015** 10- Tahereh Khosrorad, Mahrokh Dolatian, Hedyeh Riazi, Zohreh Mahmoodi., Hamid Alavimajd, Soodeh Shahsavari, **Mitra Bakhtiari**. *Comparison of lifestyle in fertile and infertile couples in Kermanshah during 2013*. **Iran J Reprod Med** Vol. 13. No. 9. pp: 549-556, September 2015.
- 2014** 11- Ali Olfati, Gholamali Moghaddam, Nasrollah Moradi Kor, **Mitra Bakhtiari** . The relationship between progesterone and biochemical constituents of amniotic fluid with placenta traits in Iranian crossbred ewes (ArkharMerino Ghezel). **Asian pacific Journal of Tropical Medicine**. 2014; 7(Suppl 1): S162-S166. **ISI, IF: 0.99**.
- 2014** 12- K. Moradpour¹, A. Najaphy, S. Mansoorifar, A. Mostafaie, **M. Bakhtiari** S. Kiani. Evaluation of leaf proteome in wheat genotypes under drought stress. **International journal of Advanced Biological and Biomedical Research**. Volume 2, Issue 3, 2014: 831-839.

- 2014** 13- **Bakhtiari M**, Nazari anamagh A.R, Khayatan T, Nouri P, Seyyedi Asl S.T, Depression anexity, happiness and satisfaction with life among fertile and infertile woman. **Int J life science**. 2014: 8(4) 10-14. **ISI**.
- 2014** 14- Ghorbani R, Mokhtari T, Khazaei M, Salahshoor M.R, Jalili C, **Bakhtiari M**. The effect of walnut on weight, blood glucose and sex hormones of diabetic male rats. **Int J Morphol**.2014: 32 (3) : 858-836, 201.
- 2014** 15- Seyed Teymur Seyedi Asl, Kheirollah Sadeghi, **Mitra Bakhtiari ***,Habibolah Khazaie, Mansour Rezaei , Seyed Mojtaba Ahmadi: The effectiveness of positive group psychotherapy on elevation of life satisfaction and the quality of life in infertile woman with mild to moderate depression: clinical trial. **Eur J of exp biology. ISI, 2014, 4(3):269-275**.
- 2013** 16- Nasrin Jalilian ^{1*}, Reza Mahmoudzadeh ², M. Rezaei ³ ,**Mitra Bakhtiari**. A survey on the Histopathologic Findings in 636 Cases of Hysterectomy: A sonographic assessment study. **International journal of Advanced Biological and Biomedical Research. ISC**.
- 2013** 17- Ali Olfati, Gholamali Moghaddam, **Mitra Bakhtiari**. Reproductive performance of rams to biostimulation. **International journal of Advanced Biological and Biomedical Research. ISC**. Volume 1, Issue 11, 2013: 1332-1336.
- 2013** 18- Ali Olfati, Gholamali Moghaddam, **Mitra Bakhtiari** . **Diagnosis, Treatment and Prevention of Pregnancy Toxemia in Ewes. International journal of Advanced Biological and Biomedical Research**. Volume 1, Issue 11, 2013: 1452-1456.
- 2013** 19- Seyed Teymur Seyedi Asl, **Mitra Bakhtiari ***, Amir Raufi , Vida Yousefi, Mahtab Poursalman, Seyed Mojtaba Ahmadi. Happiness and related factors in infertile women. **International Journal of Advanced Studies in Humanities and Social Science** Volume 1, Issue 8, 2013: 1166-1173.
- 2012** 20- Reza Yarani; Kamran Mansouri; Hamid Reza Mohammadi-Motlagh; **Mitra Bakhtiari**; Ali Mostafaie."A novel procedure for melanocyte isolation using kiwifruit actinidin and improved culture in the presence of Leukemia Inhibitory Factor and Forskolin". **Cell Proliferation Journal. ISI, IF: 2.9**. Cell Prolif., 2013, 46, 348–355.
- 2012** 21- M mehrabi, K Mansouri, S Hosseinkhani, R Yarani, Kh Yari, **M Bakhtiari**, A Mostafaie. Differentiation of human skin-derived precursors into functional islets like insulin producing cell clusters. **Cell Proliferation Journal. ISI, IF: 2.9**. accepted.
- 2012** 22- **M Bakhtiari**, K Mansouri, A Mostafaie, Y Sadeghi. *Proliferation and differentiation potential of cryopreserved human Skin derived precursors*. **Cell Proliferation Journal. ISI, IF: 2.9**.2012, 45, 148–157.

2010 23- **M Bakhtiari**, K Mansouri, A Mostafaie, Y Sadeghi. *Isolation of skin-derived precursors from human foreskin and their differentiation into neuron and glial cell.* **Tehran University Medical Journal**; Vol. 68, No. 9, Dec 2010: 508-515.

2008 24- **M Bakhtiari**, A Sobhani, M Akbari. *Effect of hyaluronan on sperm parameters before cryopreservation and after thawing in mouse.* **Behbood Journal** of, Kermansah University of Medical Sciences. Vol 12.no 3, 221-233.

2007 25- **M Bakhtiari**, A Sobhani, M Akbari. *Different doses of hyaluronan on morphology, motility, vitality and fertilization capability of cryopreserved-thawed sperm in mouse.* *Iranian Journal of Reproductive medicine.* Vol.5, No.2, 45-51. ISI.

2006 26- **M Bakhtiari**, A Sobhani, M Akbari. *Effect of hyaluronan on fertilization capability of mouse sperm before cryopreservation and after thawing.* *Tehran University Medical Journal*, vol 64, no 9, 19-25.

Congresses

2013 1- **M bakhtiari** , T seyedi. Correlation between age, duration of infertility, outcome and education with happiness in infertile woman in Kermanshah. **4th Iranian Psychological Association Congress.** Tehran, Iran.

2013 2- **M bakhtiari** , T seyedi . Study of depression, anxiety, happiness and life satisfaction in women undergoing assisted reproductive technology in an Iranian infertility treatment center. **19th National and 4th international Congress – ISRM. IJRM, ISI.**

2013 3- R Ghorbani, **M bakhtiari**, T Mokhtari, C Jalili, M Khazaei. Effect of walnut on sperm parameters in adult male Rat. **14th Rooyan International Congress on Reproductive Biomedicine.** Tehran, Iran.

- 2013** 4- **M Bakhtiari**, M Kamravamanesh, M Esfandiari, M Poursalman, V Yousefi, Jalilian N. Investigation of female related infertility in patients of Kermanshah infertility treatment center. : **14th Rooyan International Congress on Reproductive Biomedicine**. Tehran, Iran.
- 2013** 5- **M Bakhtiari**, M Kamravamanesh, M Esfandiari, M Poursalman, V Yousefi, T seyedi. Epidemiologic study of male related infertility in patients of Kermanshah infertility treatment center. **5th Yazd International Congress and Student Award in Reproductive Medicine**. Yazd, Iran.
- 2013** 6- R Ghorbani, **M bakhtiari**, T Mokhtari, C Jalili, M Khazaei. A study of walnut effect on sex organs weights and morphological parameter in diabetic adult male Rats induced by Streptozotocin (STZ). **5th Yazd International Congress and Student Award in Reproductive Medicine**. Yazd, Iran.
- 2013** 7- V Yousefi, M Poursalman, **M Bakhtiari**, T Seyedi. Correlation between age, duration of infertility and education with life satisfaction in infertile woman. **4th annual research congress of medical sciences students of western Iran- Kermanshah**, Kermanshah, Iran.
- 2012** 8- K. Moradpour, A. Najaphy, S. Mansourifar, A. Mostafaie, **M. Bakhtiari**, and S. Kiani. Evaluation of leaf proteome in wheat genotypes under drought stress.**12th Iranian Genetic Congress**. Tehran, Iran.
- 2012** 9- **M Bakhtiari**, K Mansouri, A Mostafaie, Y Sadeghi. *In vitro differentiation of human Skin-Derived Precursors to glial cells*.
Presentation, **Iranian Congress of Anatomical Sciences (10th)**, Rasht, Iran.
- 2010** 10- **M Bakhtiari**, K Mansouri, A Mostafaie, Y Sadeghi. *Proliferation and differentiation of human Skin-Derived Precursors and differentiation to neural cells in vitro*.
Presentation, **Iranian Congress of Anatomical Sciences (9th)**, Hamedan, Iran.
- 2010** 11- R Ghorbani, K Mansouri, M Shiasi, **M Bakhtiari**. *Comparison of different staining methods to evaluate the survival rate of pancreatic cells in mice*.
Poster presentation, **Iranian Congress of Anatomical Sciences (9th)**, Hamedan, Iran.

2007 12- **M Bakhtiari**, R Ghorbani, M Khazaei. *In vitro effect of Clomiphene citrate on motility and vitality of sperm in mouse.*

Poster presentation, **Royan International Congress (8th)**, Tehran, Iran.

2007 13- **M Bakhtiari**, R Ghorbani, M Khazaei. *In vitro effect of Clomiphene citrate on fertilization capability of sperm in mouse.*

Presentation, **fertility & infertility Congress (13th)**, Tehran, Iran.

2006 14- **M Bakhtiari**, A Sobhani, M Akbari. *Effect of hyaluronan on sperm parameters before cryopreservation and after thawing in mouse.*

Presentation, **Iranian Congress of Anatomical Sciences (7th)**, Kashan, Iran, **Best poster award winner**

2005 15- **M Bakhtiari**, A Sobhani, M Akbari. *Effect of hyaluronan on fertilization capability of mouse sperm before cryopreservation and after thawing.*

Presentation, **Iranian fertility & infertility Congress (12th)**, Tehran, Iran.

2003 16- **M Bakhtiari**, A Sobhani, M Akbari. *Different doses of hyaluronan on morphology, motility, vitality and fertilization capability of cryopreserved-thawed sperm in mouse.*

Poster presentation, **Royan International Congress (6th)**, Tehran, Iran.

Attendance in Workshop & Congresses

2011 1- **Clinical embryology educational course, royan embryology laboratory, human semen analysis, semen processing, IUI, IVF, ICSI, laser hatching, vitrification & cryopreservation & thawing.**

2009 2- **10th Royan International twin Congress**, 23-25 september, 10th congress on reproductive biomedicine & 5th congress on stem cell biology & technology, Tehran, Iran

- 2008** **3- 9th Royan International twin Congress**, 26-29 august, 9th congress on reproductive biomedicine & 5th congress on stem cell biology & technology, Tehran, Iran
- 2009** **4- Practical workshop on angiogenesis models**, medical biology research center, Kermanshah, Iran
- 2009** **5- Practical workshop on cell culture**, medical biology research center, Kermanshah, Iran
- 2009** **6- Educational workshop of proteomics**. Royan institute. Tehran, Iran.
- 2008** **7- Molecular cloning workshop**, Antoine de veries molecular cloning workshop in anatomy department of kashan university of medical sciences, 18-23 october, Kashan, Iran.
- 2006** **8- Tissue engineering symposium**, Royan institute, Tehran, Iran.
- 2009** **9- Practical workshop on cell culture**, lecture presentation, medical biology research center, Kermanshah, Iran

Skills

ART

Sperm analysis and processing

Sperm cryopreservation

Microinjection (ICSI)

Laser hatching

IUI, IVF

Vitrification

Cell culture	<i>Stem cell culture, expansion and neural differentiation</i> <i>Immunocytochemistry Analysis</i> <i>RT-PCR</i>
Proteomics	<i>2-dimensional electrophoresis</i>
Computer	<i>Microsoft Office</i>
Professional Softwares	<i>Samespot (2-DE gell analysis)</i>

Affiliations

Member of:

Iranian Society of Embryology and Reproductive Biology

Anatomical Society of Iran

Medical Council I.R.Iran M.C.No:14331.

Language

Farsi	<i>Native</i>
English	<i>Fluent</i> <i>MCHE Exam: 82/100</i>

References

Dr. R. Ghorbani, assistant professor , Department of Anatomy & Biology, kermanshah University of Medical Sciences. rostamgh@yahoo.com

Dr. A. Sobhani, Professor, Department of Anatomy & Biology, Tehran University of Medical

Sciences. aligholi77@yahoo.com

Dr. Y. Sadeghi, Professor, Department of Anatomy & Biology, Shaheed Beheshti
University of Medical Sciences, yousefsadeghi@yahoo.com

Dr. A. Mostafaie, Professor, Department of Immunology, Medical Biology Research Center,
Kermanshah University of Medical Sciences, amostafaie@kums.ac.ir