

Mitra Bakhtiari

Address:

Department of Anatomy & Biology,
Kermanshah University of Medical
Sciences

Kermanshah, Iran.

mbakhtiari@kums.ac.ir

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

Research Assistant (2009-2010)	7- <i>“Differentiation of olfactory ensheathing cells to endotelial cells in rat.”,</i> <i>Medical Biology Research Center, kermanshah University of Medical Sciences</i> <i>[Director: Dr. A. Mostafaie]</i>
Research Assistant (2009-...)	8- <i>“Differentiation of olfactory ensheathing cells to hair cells in rat.”,</i> <i>Medical Biology Research Center, kermanshah University of Medical Sciences.</i> <i>[Director: Dr. A. Mostafaie]</i>
Research Assistant (2012-...)	9- <i>“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.”</i> <i>Department of anatomy & biology, kermanshah University of Medical Sciences.</i> <i>[Director: Dr. C. Jalili]</i>
Research Director (2013-...)	10- <i>“Prevalence of secondary infertility and its relative risk factors in referred infertile couples to infertility ward of Kermanshah Motazedi hospital 2010-2012.”</i> <i>Department of anatomy & biology, kermanshah University of Medical Sciences.</i>
Research Director (2013-...)	11- <i>“Prevalence of primary infertility and its relative risk factors in referred infertile couples to infertility ward of Kermanshah Motazedi hospital 2010-2012.”</i> <i>Department of anatomy & biology, kermanshah University of Medical Sciences.</i>
Research Director (2013-...)	12- <i>“ 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.”</i> <i>Department of psychology, kermanshah University of Medical Sciences</i>

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

13- "Study of embryo 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	1st rank in Ph.D. Entrance exam in Anatomical Sciences in 1384.
2004	1st 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

- 2013** 1- Nasrin Jalilian^{1*}, Reza Mahmoudzadeh², M. Rezaei³, **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** 1- 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** 2- 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. **Journal of Obstetrics and Gynaecology Research. ISI, IF: 0.84.** submitted

- 2013** 3- **M Bakhtiari***
maturation arrest of human oocytes, case series.
Human reproduction. ISI, IF:4.5. submitted.
- 2013** 4- 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 Behavioral Medicine. ISI, IF: 2.8.** submitted
- 2013** 5- **M Bakhtiari***, R Ghorbani
Spontaneous oocyte activation a case of human infertility.
Human reproduction. ISI, IF:4.5. submitted.
- 2012** 6- **M Bakhtiari**, R Ghorbani, M Khazaei, A Pourmotabed.
In vitro effect of Clomiphene Citrate on fertilization capacity of mouse sperm.
Animal Reproduction science, ISI, IF: 1.7. submitted.
- 2012** 7- 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** 8- 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** 9- **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** 10- **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** 11- **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 12- 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 13- 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

Stem cell culture, expansión and neural differentiation
Immunocytochemistry Analysis
RT-PCR

Proteomics

2-dimensional electrophoresis

Computer

Microsoft Office

Professional Softwares

Samespot (2-DE gell analysis)

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 *Native*

English *Fluent*

MCHE Exam: 82/100

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

