

IN THE NAME OF GOD

PERSONAL INFORMATION:

NAME: Nasim Beigi Boroujeni

Place of Birth: Boroujen, IRAN

E-mail: nasim_boroujeni@yahoo.com

EDUCATIONAL RECORDS:

DVM: Shahrekord Univ. Iran.

Ph.D: Clinical Pathology, Tehran Univ. Iran

ACADEMIC EXPERIENCES & COURSES TAUGHT:

Lecturer and researcher from 2004 to now. I taught more than 100 credits in the university

MEMBERSHIP OF SCIENTIFIC SOCIETIES:

Iranian Society for Reproduction Med

Iranian Society for fertility and infertility

PROFESSIONAL EXPERIENCES:

Stem cells (Embryonic and Adult stem cell) culture techniques

RT-PCR analysis

Immunohistochemistry and Immunocytochemistry

Tissue processing and staining for light microscopic study

diabetic model Creation induced by STZ

RESEARCH INTERESTS:

Differentiation of Embryonic Stem Cells and adult stem cells

Molecular techniques

RESEARCH PUBLICATIONS:

1. Ultrastructural changes of corpus luteum after ovarian stimulation at implantation period.

Mandana Beigi Boroujeni, Nasim Beigi Boroujeni, Mojdeh Salehnia, Elahe Marandi. 2000, Iranian Biomedical Journal, 16 (1): 33.

2. Anatomy of the hoof in sheep, A study to find proper hoof trimming indices. Mohammad Reza Ahmadnia, Abdi A, Samaneh Azarpazhoh, Nasim Beigi Boroujeni. 2007, Journal of Veterinary Research, 62(3): 139-144

3. The Effect of Group Discussion on Learning of Anatomy for Midwifery Students and Attitude of Students toward it. Mandana Beigi Boroujeni, Sheikhian A, Nasim Beigi Boroujeni, Peyghambari F. 2008. Aflak, Lorestan University of medical Sciences, Nursery and Midwifery Faculty. 4(12): 25-31.

4. A comparison study of Aloe vera gel effect on chronic ulcers in comparison with current treatments. Viktoria Beigi Boroujeni, ..., Nasim Beigi Boroujeni, ..2009, Yafteh. 11(1): 15-22.

5. Concentrations of the immunoglobulin isotypes in the Caspian miniature horse: first report." by M. Zamani-ahmadm Mahmudi, N. Atyabi, N. Beigi boroujeni and A.M. MohamadI., 2010, Revue Méd. Vét 161, 12, 580-583.

6. The effect of ovarian stimulation on the endometrial apoptosis at implantation period" Mandana Beigi Boroujeni, Mojdeh Salehnia,; Ali Reza Khalatbary, Shahram Pourbeiranvand; Nasim Beigi Boroujeni, October 2010, Iranian Biomedical Journal, 14 (4): 171-177
7. Effect of Ovarian Stimulation on the Endometrial Apoptosis at Implantation Period. Mandana Beigi Boroujeni, Mojdeh Salehnia, Ali Reza Khalatbary, Shahram Pourbeiranvand, Nasim Beigi Boroujeni, and Saedeh Ebrahimi. 2010, Iranian Biomedical Journal. 14(4), page 171-177.
8. Ovarian Stimulation, endometrium and implantation. Mandana Beigi Boroujeni, Nasim Beigi Boroujeni, Mozdeh Salehnia, Masoud Beigi Boroujeni. 2011, Yafteh. 12(4): 43-49.
9. The reversal of hyperglycemia after transplantation of mouse embryonic stem cells induced into early hepatocyte-like cells in streptozotocin-induced diabetic mice" .Nasim Beigi Boroujeni, Seyed Mahmoud Hashemi, Zohreh Khaki, Masoud Soleimani, April 2011, Tissue and cell, 43(2): 75-82.
10. Ultrastructural Changes of Corpus Luteum after Ovarian Stimulation at Implantation Period" Mandana Beigi Boroujeni, Nasim Beigi Boroujeni, Mojdeh Salehnia, Masoud Beigi Boroujeni, January 2012, Iranian Biomedical Journal 16 (1): 33-37
11. Ultrastructural Changes of Corpus Luteum after Ovarian Stimulation at Implantation Period. Mandana Beigi Boroujeni, Nasim Beigi Boroujeni, Mojdeh Salehnia, Elahe Marandi and Masoud Beigi Boroujeni .2012, Iranian biomedical journal. 16(1):33-7. DOI: 10.6091/IBJ.1033.2012
12. Regeneration of Langerhans islets in diabetic mice using differentiated ESCs into early hepatocyte like cells. Nasim Beigi Boroujeni. 2012, Journal of Veterinary Laboratory Research. December, 4(1): 48-48.

13. Intravenous administration of tramadol hydrochloride in sheep: a hematological and biochemical study" Saied, HabibianDehkordi; Amin, BighamSadegh; Ehsan, Abaspour; Nasim, BeigiBrojeni; Ehsan, Aali; Ehsan, Sadeghi, 2012 *Comp Clin Pathol* , 21:289–293.

14. The metabonomic changes of leishmania major, s promastigotes (fredlin strain) after in vitro artemisinin treatment at stationary phase. Beigi boroujeni M, Arjmand M, Khalili G, Akbari Z, Najafi A, Beigi boroujeni N, et al, 2014 , *koomesh.*; 16 (1) :90-96

15. The effect of progesterone treatment after ovarian induction on endometrial VEGF gene expression and its receptors in mice at pre-implantation time. Beigi Boroujeni M, Beigi Boroujeni N, Gholami MR. 2015, *Iran J Basic Med Sci*; 18:252-258.

16. The Effect of low dose of aspirin on the vascular density of endometrium in the mice at implantation period.. Mandana Beigi Boroujeni, Nasim Beigi Boroujeni, Masoud Beigi Boroujeni, Soodabeh Zareh. 2015; *Sjimu*, 23(4): 63 – 70

17. The effect of ethanolic extract of salvia officinalis on the uterine Natural Killer cells population at day 7 of pregnancy". Nasim BeigiBoroujeni, MasoudBeigiBoroujeni, EzzatollahRafieiAlavi, AfsanehShafiei,.winter 2015, *journal of medicinal plant*, 14(53): 15-24.

18. The effect of progesterone treatment after ovarian induction on endometrial VEGF gene expression and its receptors in mice at pre-implantation time. Beigi Boroujeni M, Beigi Boroujeni N, Gholami MR. 2015, *Iran J Basic Med Sci*; 18:252-258.

19. The effect of low-dose of aspirin on uterine NK cells number in mice at day 7 of pregnancy. MandanaBeigiboroujeni, NasimBeigiBoroujeni, Mohamad Reza Gholami, MasoudBeigiBoroujeni, AfsanehShafiei, MaysamRasouli . 2015, *Jentashapir J Health Res.* 6(6): e27858. doi: 10.17795/jjhr-27858

20. Role of progesterone administration in hyperstimulated mice on endometrial angiogenesis and other endometrial quantitative changes in hyperstimulated mice at implantation period. Sedighe Momeni, Mandana Beigi Boroujeni, Hamid Momeni, Nasim Beigi Boroujeni, Ezatollah Rafiee Alavi, Mohammad Reza Gholami. 2015. *Journal of Knowledge and Health*.10(4), 31-39.

21. Ethanolic extract of *salvia officinalis* alter endometrial Vascular Endothelial Growth Factor gene expression and its receptors in NMRI mice at pre implantation time, Nasim Beigi Boroujeni,, Masoud Beigi Boroujeni, Mohamad Reza Gholami AfsanehShafiei (2016) , *Comp Clin Pathol* 25:125–129. DOI 10.1007/s00580-015-2152-6

22. Effect of the Ethanolic Extract of *Salvia officinalis* on Ovarian Angiogenesis in Mice at Preimplantation: A Morphological and Molecular Analysis. Nasim Beigi Boroujeni, and Mohammad Reza Gholami. Published online 2017 February 22. *Inpress(Inpress):e44386*. doi: 10.5812/jjhr.44386.

23. The Effect of Progesterone Administration on the Number of Secondary Follicles of Ovulated Mice During Pre-Implantation. Leila Narimani, Nasim Beigi Boroujeni, MohammadReza Gholami, Khatereh Anbari, Mitra Arian manesh, Mandana Beigi Boroujeni. 2019, *Journal of Knowledge and Health*,14(1), 51-55.

24. Macrophage Polarization in wound Healing: Role of aloe vera/ chitosan nanohydrogel. Fatemeh Ashouri,Fatemeh Beyranvand, Somayeh Shahrokhi,..., Nasim Beigi Boroujeni. 2019, *Drug Delivery and Transitional Research*.9, 1027-1042.

25. Effect of selenium on freezing-thawing damage of mice spermatogonial stem cell: a model to preserve fertility in childhood cancers.stem cell investigation. Mandana Beigi Boroujeni, Fatemeh

Peidayesh, Afshin Pirnia, Nasim Beigi Boroujeni, Seyyed Amir Yasin Ahmadi, Mohammadreza Gholami. 2019.36.1 Stem Cell Investigation | <http://dx.doi.org/10.21037/sci.2019.10.01>

26. Pre-implantation effects of progesterone administration on ovarian angiogenesis after ovarian stimulation: a histological, hormonal, and molecular analysis. Leila Narimani, Nasim Beigi Boroujeni, Mohammadreza Gholami, Khatereh Anbari, Seyyed Ezatollah Rafiee Alavi, Seyyed Amir Yasin Ahmadi, Mandana Beigi Boroujeni. *Reprod. | JBRA Assisted Reproduction* 2020;00(0):00-00 , doi: 10.5935/1518-0557.20190076

LIST of PAPERS PRESENTED in CONGRESSES AND SEMINARS:

1. The effect of ovarian hyperstimulation using HMG and HCG on the mouse endometrium. The 7th international Biochemistry congress. 2003,Iran, Ahwaz, 26-29 Jan
2. Anatomic evaluation of caprine hoof in order to achieve a standard method for hoof trimming". BeigiBoroujeni. N, Taghadosi. C, Mohammadnia.A.R. The 1st international symposium of veterinary medicine 2005, Iran, Shahrekord,10-13 May.
3. The effect of aloe vera gel on chronic ulcer treatment and comparison with current treatment,The 8th International Congress and IJBMB, 2005, Iran, Tehran, september 11-13
4. Hematological and Histopathological effects of Tramadol treatment in sheep. The 14th Iranian Veterinary Congress, 2006, Iran, Tehran, 21-23 feb
5. Anatomic evaluation of caprine hoof in order to achieve a growth pattern in hoof. The 14th Iranian Veterinary Congress, 2006, Iran, Tehran, 21-23 feb

6. Effect of ovarian hyperstimulation on apoptosis of corpus luteum during luteal phase at implantation period. Mandana Beigi Boroujeni, Mojdeh Salehnia, Shahram Pourbeiranvand, Alireza Khalatbari, Nasim Beigi Boroujeni, Saedeh Ebrahimi, Camellia Taghadosi presented in 3th congress of the Asia Pacific Initiative on Reproduction 2010, Thailand 9-11 September.

7. The Effect of Group Discussion on Learning of Anatomy for Midwifery Students and Attitude of Students toward it. The 12th Iranian Medical Education Conference. 2011, Iran, Mashhad, 1-3 May.

8. Regeneration of Langerhans islets in diabetic mice using differentiated ESCs into early hepatocyte like cells. Nasim Beigi Boroujeni. 2th National Congress of Veterinary Laboratory Sciences. 2012, Iran, Semnan. 12-13 December.

9. Effect of high-dose (30 mg/kg) of Aspirin on ovary tissue during implantation period in mice. The 11th Iranian Congress of Anatomical Science, 2014, Iran, Ahwaz. 19-21 Feb

10. The effect of low dose aspirin on the uterine Natural Killer Cell number at day 7 of pregnancy. International congress on Reproduction. 2015, Iran, Tehran, 23-25 May

11. Role of Apoptosis in CNS Emphasized on spinal cord injuries. The 8th international association of neurorestoratology and 12th GCNN congress. 2015, Tehran, 29-27 April.

12. Investigation of pregnancy termination after agelpristone administration in bitch. The 3th international Congress of Veterinary Pharmacology and Pharmaceutical sciences 2016. Iran, 2016, Shahrekord, 25-27 May.

13. Effect of the ethanolic extract of the salvia officinalis on the ovarian hormones at day 7 of pregnancy of mice. The 3th international Congress of Veterinary Pharmacology and PharmaceuTicalsciences.Iran, 2016, Shahrekord,25-27 May.

14. The effect of progesterone administration on the secondry follicle number in the ovarian stimulated mice at preimplantation time. The 13th National Congress of Anatomical Sciences, 2018, Iran, Hamedan, 17-19 October.

15. Embryo Development in Quran, Cabala and Embryology. The 13th National Congress of Anatomical Sciences, 2018, Iran, Hamedan, 17-19 October.

Research Proposal:

1. The effect of ethanolic extract of salvia officinalis on the uterine Natural Killer cells population at day 7 of pregnancy, following treatment with Salvia officinalis for 14 days before pregnancy.
.Supervisor: Nasim Beigi Boroujeni

2. The effect of ethanolic extraction of salvia officinalis on the VEGF gene expression and it's receptor in mice at pre implantation period. Supervisor: Nasim Beigi Boroujeni

3. The effect of ethanolic extraction of salvia officinalis on the expression of angiogenic genes in the ovarian tissue of mice at implantation period. Supervisor: Nasim Beigi Boroujeni

4. Effect of hyperstimulation on the apoptosis of endometrium at implantation time. Coauthor;
Nasim Beigi Boroujeni

5. The effect of low dose of aspirin on the gonadotropian hormone level and endometrial morphology at implantation period. Collaborator: Nasim Beigi Boroujeni

6. The effect of progesterone on the expression of VEGF and VEGF receptors after ovulation induction in uterus at preimplantation period. Collaborator: Nasim Beigi Boroujeni

7. Evaluation of NK cells dispersion in the uterus tissue after treatment with low dose of aspirin at 7 day gestation. Collaborator: Nasim Beigi Boroujeni

8. The effect of preconditioning with oxygen on the survival of BM-mesenchymal stem cells against damages induced by oxidative stress and hypoxia in rat. Collaborator: Nasim Beigi Boroujeni

9. Comparison of two training methods , speaching and Group Discussion on Teaching of Anatomy for Midwifery Students. Collaborator: Nasim Beigi Boroujeni

Management Back Ground

1. A member of Scientific Council of frtility and infertility, 2011-2012.
2. Connector of Supplementary Curriculum for PhD by Research students in Herbal Medicines
3. Research Center of Lorestan University of medical Sciences.2013-2018
4. Triggering and Taking Licence for Journal of Herbal Medicines Journal of Herbal Medicines Research Center.2013-2015
5. As Executive management for Journal of Herbal Medicines Journal of Herbal Medicines Research Center.2013-2015
- 6 .A member of writing council for Journal of Herbal Medicines Journal of Herbal Medicines Research Center
7. A member of Research Council in Herbal Medicines Research Center.2013-2015
8. A member of Educational Council (Supplementary Curriculum} in Lorestan University of Medical Sciences.2013-2016.
9. Supervisor of Cell Culture Room in Herbal Medicines Research Center, 2017-2018

Award:

1. Selected as one of the best researcher student in Shahrekord University (2005)
2. First grade, The best Post graduate and the member of shining talent office among other post graduated veterinary medicine's students in Shahrekord University (2006).
3. Worthy of appreciation in The 1st Research Festival of Lorestan University of Medical Sciences (2017).
4. Receiving third degree of Quran Research compartment in The 2th Research Festival of Lorestan University of Medical Sciences (2018).
5. Reception of 1th grade in the 17th Festival of Quran (Quran reading) in Lorestan University of Medical Sciences (2014)
6. Reception of 1th grade in the 19th Festival of Quran(Quran reading) in Lorestan University of Medical Sciences (2016)
7. Reception of 1th grade in the 21th Festival of Quran(Quran reading) in Lorestan University of Medical Sciences (2018)
8. Reception of 3th grade in the 21th Festival of Quran(article writing) in the stational step (2018)
9. Reception of 1th grade in the 21th Festival of Quran(article writing) in the National step (2018)
10. 2th Grade Document in lifesaving from Lifesaving and Diving Federation, Islamic Republic of Iran

Students under supervision and co supervision:

1. Sedighe Momeni (graduate student of animal physiology): Co supervision
2. Leila narimani (graduate student of anatomy): Co supervision
3. Rezvan Omidpour (graduate student of anatomy): Co supervision
4. Negar Azadi (student of anatomy): Co supervision

