

CURRICULUM VITAE



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VIII- Position:

- Deputy of Research, Avicenna Research Institute, ACECR, Tehran, Iran.
- Member of Reproductive Endocrinology & Embryology Department, Avicenna Research Institute, ACECR, Tehran, Iran.
- Head of Embryology ward, Avicenna Infertility Clinic, ACECR, Tehran, Iran.
- Chairman of Editorial Board, Journal of Reproduction and Infertility (JRI), Avicenna Research Institute, ACECR, Tehran, Iran.
- Member of Editorial Board, Avicenna Medical Journal of Biotechnology(AJMB), Avicenna Research Institute, ACECR, Tehran, Iran
- Member of

IX- Education:

- Ph.D. in Clinical Biochemistry, Faculty of Medicine, Medical sciences / Tehran University, Tehran, Iran, 1995-2000.
- M.Sc. in Clinical Biochemistry, Faculty of Medicine, Medical sciences / Tehran University, Tehran, Iran, 1992-1994.
- Bachelor in Biology, Razi university of Medical Sciences, Kermanshah, Iran, 1987-1991.

X- Memberships:

- Member of scientific committee of Avicenna biotechnology incubator.
- Member of steering committee on compilation of infertility services codex and standards.
- Member of Editorial board of International Journal of Hematology – oncology and Stemcell Research
- Advisory Council for Development of Research groups and Research Centers, Iranian Academic Center for Education, Culture and Research.
- Society of Editorial Board Chairman's of Medical Journals, Deputy of Research and

Technology, Ministry of Health and Medical Education.

- Morality Committee in Biomedical Research, Avicenna Research Institute.
- Iranian Molecular Medicine Network, Deputy of Research and Technology, Ministry of Health and Medical Education.
- Iranian Stem cell Network, Deputy of Research and Technology, Ministry of Health and Medical Education.
- Iranian Society for Reproductive Medicine, Deputy of Research and Technology, Ministry of Health and Medical Education.

XI- Experiences:

1-Clinical Activities:

- Diagnostic Laboratory (Kavosh Laboratory, Karaj, Iran 1995-1998)
- Diagnostic Laboratory (Noor Laboratory, Tehran, Iran 1999-2001)
- Endocrinology Laboratory (Royan Institute, Tehran, Iran 1997-2000)
- Clinical Embryology (Avicenna Infertility Clinic, Tehran, Iran 2002-since)

2-Teaching Experiences:

- Molecular Mechanisms of Mammalian Gametogenesis & Fertilization, (Biochemistry MSc. Students).
- Tissue Culture and its Application in Reproduction, (Molecular Biology & Anatomy MSc. and PhD Students)
- Application of biochemical techniques in biomedical research, (Nutrition, MSc. and PhD. Students).
- Enzymology, Biochemistry of body fluids, Hormone Biochemistry, Tissues Biochemistry, Advance Biochemistry, ((Biochemistry MSc. Students).
- Clinical Biochemistry (Laboratory Technician Students).
- Basic Biochemistry (Medical Sciences, BS. Students).

XII- Accomplished Research:

1. A collaborative study of international reproductive health among twins Identification of molecular markers for spermatogenesis in seminal plasma of non-obstructive azoospermic men
2. Polymorphism of P and M isoenzymes of glutathione S-transferase in infertile men attending Avesina Infertility Clinic
3. Study the relationship between sperm function test and outcome of assisted reproductive techniques in couples attending Avesina Research Institute
4. A comparison study of serum lipid levels in monozygotic and dizygotic twins with and without polycystic ovarian syndrome, Tehran, 1384-85.

5. Designing an ELISA method for quantitative measurement of antisperm antibody (ASA) in serum, follicular fluid, cervical mucus and seminal fluid.
6. Designing of ELISA kit for measurement of pregnancy associated Plasma Protein-A (PAPP-A).
7. The comparison between two methods of cryopreservation, vitrification and vapour phase on motility, DNA fragmentation and autonomous acrosome reaction of human spermatozoa.
8. Analyzing defects in Phospholipid Hydroperoxide glutathione Peroxidase Gene and the relevant relationship with spermogram parameters as well as the oxidative stress status and sperm functional tests in oligoasthenozoospermic men.
9. Design an Immunofluorescent Method for detection of defective spermatozoa.
10. A panel of monoclonal antibodies against of Inhibin. Iranian Academic Center for Education, Culture & Research (ACECR).
11. Designing an ELISA method for detection of Antisperm Antibody (ASA) in Serum, Follicular Fluid and cervical seminal fluid. National Center for Medical sciences Research.
12. Twin Registry in Iran. WHO, EMRO, Cairo, Egypt.
13. The effects of Ruta Graveolens water extract on human sperm cell characteristic and function in vitro and determination of effective fraction
14. Effect of folic acid and zinc sulfate supplementation on sperm function tests in infertile male. Iranian Academic Center for Education, Culture & Research (ACECR).
15. Identification of suitable biochemical markers for spermatogenesis in seminal plasma of azoospermic men

XIII- Research in Progress:

1. Study the effects of thawing medium supplemented with vitamin E and glutathione on human sperm parameters, function and programmed cell death(apoptosis) after freezing
2. Comparison of the techniques for cryopreservation of small numbers of spermatozoa in cryptospermic semens
3. Comparative study of ICSI outcome using ejaculated sperm and testicular sperm in cryptozoospermic men
4. Analysis of azoospermia factors (AZF) microdeletion in men with idiopathic non-obstructive azoospermia and oligospermia
5. Investigating the luteinizing hormone (LH) receptor isoforms and it's relation to apoptosis in hippocampus of castrated rats
6. Comparison of protamin deficiency in normozoospermic and Oligoasthenoteratozoospermic Infertile Men Attended to Fatemeh Zahra Babol and Avesina Infertility Clinic
7. Effect of Ubiquinone Supplementation on semen quality, antioxidant enzymes, oxidative stress and sperm DNA fragmentation in infertile men with idiopathic oligoasthenoteratozoospermia referring to the Avesina Infertility Clinic
8. Production of transgenic and chimeric mice
9. Effect of Leptin on function of sperm and fertilization in mice.
10. Fetal sex determination using nested PCR and real-time PCR analysis of fetal DNA in

- maternal plasma of pregnant women during 7th-10th weeks of gestation
11. Study of semen parameters of men attending Avicenna Infertility Clinic according to the etiology of their infertility
 12. Study of metallothionein 1M gene exon 2 polymorphism and screening the metallothionein 1G polymorphisms in men with unknown infertility referred to Avicenna Infertility Clinic compared with healthy fertile men.
 13. A quality control program for semen analysis among medical diagnostic laboratories in Tehran.
 14. Evaluation of semen parameters in the spouse of patients with recurrent abortion referring to Avicenna Infertility Clinic

XIV- Publications:

Papers:

1. Abtahi H, **Sadeghi MR**, Shabani M, Edalatkhah H, Hadavi R, Akhondi MM, Talebi S. Causes of bimodal melting curve: Asymmetric guanine-cytosine (GC) distribution causing two peaks in melting curve and affecting their shapes. *African Journal of Biotechnology*. 2011; 10(50): 10196-10203
2. Shahbazi M, Jeddi- Tehrani M, Zarei M, Salek Moghaddam AR, Akhondi MA, **Sadeghi MR**, Zarnani AH. Expression profiling of vitamin D receptor in placenta, decidua and ovary of pregnant mice. *Placenta*. 2011; 32(9): 664-657
3. Gilani K, Lakpour N, Vafakhah M, **Sadeghi MR**. The profile of human sperm proteome ; A minireview. *Journal of Reproduction and Infertility*. 2011; 12(3): 193-199
4. **Sadeghi MR**, Lakpour N, Heidari-Vala H, Hodjat M, Amir Jannati N, Hosseini Jadda H, Binafar S, Akhondi MA. Relationship between sperm chromatin status and ICSI outcome in men with obstructive azoospermia and unexplained infertile normozoospermia. *Romanian Journal of Morphology and Embryology*. 2011, 52(2):645-651
5. Aslani F, Modarresi MH, Soltan Ghoraee H, Akhondi MA, Shabani A, Lakpour N, **Sadeghi MR**. Seminal molecular markers as a non-invasive diagnostic tool for the evaluation of spermatogenesis in non-obstructive azoospermia. *Systems Biology in Reproductive Medicine*. 2011;57(4):190-196
6. Nadjarzadeh A, **Sadeghi MR**, Amirjannati N, Vafa MR, Motevalian SA, Gohari MR, Akhondi MA, Yavari P, Shidfar F. Coenzyme Q10 improves seminal oxidative defense but does not affect on semen parameters in Idiopathic Oligoasthenoteratozoospermia: a Randomized Double-blind, Placebo Controlled Trial. *Journal of Endocrinological Investigation*. 2011;34(8):224-228
7. Sarvari A, Naderi MM, Heidari M, Zarnani AH, Jeddi- Tehrani M, **Sadeghi MR**, Akhondi MA. Effect of Environmental Risk Factors on Human Fertility. *Journal of Reproduction & Infertility*. 2010;11(4): 211-226
8. Modaresi T, Parivar MK, Mohseni Kochesfehiani H, Sabbaghian M, Heidari vala H,

- Sadeghi MR.** Isolation and recognition of spermatogenic cell lineages from mouse testis tissue. *Yakhteh Medical journal*. 2010; 12(3): 429-432
9. Amir Jannati N, **Sadeghi MR**, Hosseini Jadda H, Ranjbar F, Kamali K, Akhondi MA. Evaluation of semen quality in patients with malignancies referred for sperm banking before cancer treatment. *Andrologia*. 2010; 42: 1-4
 10. Akhondi MA, Akbarzadeh Najar R, Jeddi-Tehrani M, **Sadeghi MR**, Zarnani AH, Rabbani H, Salehkhoh Sh, Eini L, Hoseinzadeh F, Heidari M. The effect of human chorionic gonadotropin treatment on recipient mouse germ cell proliferation following spermatogonial stem cell transplantation of neonatal donor mice . *Avicenna Journal of Medical Biotechnology (AJMB)*. 2010; 2(1): 23-35.
 11. Sabetian S, Ardekani A, Hodjat M, Akhondi MA, Soltanghoreae H, Amirjannati N, Lakpour N, **Sadeghi MR**. Comparing seminal plasma biomarkers between normospermic and azospermic Men. *Journal of Reproduction & Infertility*. 2010;11(1):39-46
 12. Kokab A, Akhondi MM, **Sadeghi MR**, Modarresi MH, Aarabi M, Jennings R, Pacey AA, Eley A. Raised Inflammatory Markers in Semen from Men with Asymptomatic Chlamydial Infection. 2010; 31(2): 114-120 *International Journal of Anthology*.
 13. Jabbari S, **Sadeghi MR**, Akhondi MM, Ebrahimi Habibi A, Amirjanati N, Lakpour N, et al. Tyrosine Phosphorylation Pattern in Sperm Proteins Isolated from Normospermic and Teratospermic Men. *J Reprod Infertil*. 2009; 10(3):185-91. *Journal of Reproduction & Infertility*.
 14. Aarabi M, Saliminejad K, **Sadeghi MR**, H Soltanghoreae, Amirjannati N, Modarresi MH. Deletion and Testicular Expression of DAZ (Deleted in Azoospermia) Gene in Patients with Non-Obstructive Azoospermia. *Iranian Journal Public Health*. 2009; 38(3): 17-23
 15. **Sadeghi MR**, L. Shabestari O, Akhoundi MM, Maleki H, Hamzeh Zadeh H, Sadeghi ES, Ebadi P, Ebrahimi Abed F, Zeraati H. Designing and founding of twins' data bank in Islamic Republic of Iran. *Payesh*. 2009; 8(2): 123-133.
 16. Amirjannati N, Ghorbani B, Akhondi MM, **Sadeghi MR**, Jeddi-Tehrani M, Soltan Ghorae H. Sexual and Hormonal Profiles of Infertile Subjects with Non-Obstructive Azoospermia. *Medical Journal of Reproduction & Infertility*. 2009;10(1): 42-50.
 17. Naghibi Harat Zh, Kamali nejad M, **Sadeghi MR**, Sadeghipour HR, Eshraghian MR. A Review on *Ruta graveolens L.*; Its Usage in Traditional Medicine and Modern Research Data. *Journal of Medicinal Plants*. 2009; 8(2): 1-19
 18. Hekmatdoost A, Lakpour N, **Sadeghi MR**. Sperm chromatin integrity: Etiologies and mechanisms of abnormality, assays, clinical importance, preventing and repairing damage. *Avicenna Journal of Medical Biotechnology (AJMB)*. 2009; 1(3): 147-160
 19. Hemmati SH, Zarnani AH, Mahmoudi AR, **Sadeghi MR**, Soltanghoreae H, Akhondi MM, Tarahomi M, Jeddi-Tehrani M, Rabbani H. Ectopic expression of Sortilin1 (NTR-3) in patients with ovarian carcinoma. *Avicenna Journal of Medical Biotechnology (AJMB)*. 2009; 1(2): 125-131
 20. Mirfeizollahi A, Farivar Sh, Akhondi MM, Modarresi MH, Hodjat M, **Sadeghi MR**.

- GSTM1 and GSTP1 polymorphisms and glutathione S-transferase activity: Iranian infertile men. *Tehran University Medical Journal*. 2009; 66(12): 878-887.
21. Amirjannati N, Ghorbani B, Akhondi MM, **Sadeghi MR**, Jeddi-Tehrani M, Soltan Ghorai H. Sexual and Hormonal Profiles of Infertile Subjects with Non-Obstructive Azoospermia. *Medical Journal of Reproduction & Infertility*. 2009; 10(1): 42-50.
 22. Jafarian A, Akhondi MA, Pezhhan N, **Sadeghi MR**, Zarnani AH, Salehkhoh SH. Stimulatory Effects of Estradiol and FSH on the Research of Spermatogenesis in Azoospermic Mice. *Medical Journal of Reproduction & Infertility*. 2008; 9(4):317-324.
 23. Hodjat M, Akhondi MA, Al-Hasani S, Mobaraki M, **Sadeghi MR**. Increased sperm ubiquitination correlates with abnormal chromatin integrity. *Reproductive Biomedicine Online*. 2008; 17(3): 324-330
 24. Hodjat M, Talebian A, Akhondi MA, Zeraati H, Shabani A, **Sadeghi MR**. Sperm ubiquitination correlation with human semen quality. *Iranian Journal of Public Health*. 2008; 37(2): 32-40.
 25. Arefi S, Soltanghoraei H, **Sadeghi MR**, S.Tabaei A, Zeraati H, Zarnani AH. Findings on hysteroscopy in patients with in vitro fertilization by intra cytoplasmic single sperm injection and embryo transfer failures. *Saudi Medical Journal*. 2008; 29(8): 447-448.
 26. M. Ardekani A, Akhondi MA, **Sadeghi MR**. Application of Genomic and Proteomic Technologies to Early Detection of Cancer. *Archives of Iranian Medicine*, 2008, 11 (4): 427-434.
 27. Hodjat M, Akhondi MM, Amirjanati N, Savadi Shirazi E, **Sadeghi MR**. The comparison of four different sperm chromatin assays and their correlation with semen parameters. *Tehran University Medical Journal*, 2008, 65 (3): 33-41.
 28. **Sadeghi MR**, Akhondi MM, Hodjat M, Mobaraki M, Bolurzadeh M, Amirjanati N, Zonobi M, Ghaffari Novin M. Correlation between the result of sperm function test and intra- Cytoplasmic sperm injection (ICSI). *Tehran University Medical Journal*, 2008, 65 (3): 73-82.
 29. Darvishniya H, shams lahiyani M, Akhoondi MM, Mobaraki M, Sadeghi MR.. The effect of vitrification on sperm motility, viability and spontaneous acrosome reaction. *Iranian Journal of Biology*. 2008, 21(4):618.
 30. Akbarzadeh Najar R, Jeddi Tehrani M, **Sadeghi MR**, Zarnani AH, Salehkhoh Sh, Hoseinzadeh F, Heidari M, Eini L, Akhondi MM. Spermatogonial stem cell transplantation in mice. *Tehran University Medical Journal*, 2008, 65 (3): 1-10.
 31. Lakpour N, Kharrazi H, Akhondi MM, Raygani AV, Modaresi MH, Jafarian A, Savadi Shirazi E, Hodjat M, **Sadeghi MR**. The relationship between oxidative stress and sperm DNA damage in normozoospermic men and with abnormal sperm parameters. *Tehran University Medical Journal*, 2008, 65 (3): 11-19.
 32. Naghibi Harat Z, **Sadeghi MR**, Sadeghipour HR, Kamalinejad M, Eshraghian MR. Immobilization effect of *Ruta graveolens* L. on human sperm: A new hope for male contraception. *Journal of ethnopharmacology*, 2008, 115(1): 36-41.
 33. Darvishnia H, Shams Lahijani M, Akhondi MA, Mobaraki M, **Sadeghi MR**. The effects of cryopreservation by vitrification on motility, viability and spontaneous acrosome

- reaction of human spermatozoa. Iranian Journal of Biology. 2008; 21(4): 618-629
34. **Sadeghi MR**, Akhoondi MM, Hojat H, Ghods R, Bayat AA. Purification of Inhibin from follicular fluid. feyz Journal ,2007,11(2):24-30.
 35. Fakher sh, Djalali M, Tabei SMB, Zeraati H, Javadi E, **Sadeghi MR**, Mostafavi E, Fatehi F. Effect of vitamins A,E,C and omega-3 Fatty Acids on Lipid peroxidation in streptozotocin induced Diabetic Rats. Iranian journal of public health, 2007; 36(2): 58-63
 36. Torkabadi E, Akhoondi MA, Pakzad P, Mahmoodi SAR, Bayat A, Torkabadi E, **Sadeghi MR**, Jeddi Tehrani M. Characterization of HS80 monoclonal antibody for detection of its antigen on the surface of human sperm. Hakim Research Journal. 2007; 9(4): 65-75.
 37. Heidari M, Jamshedi AH, Akhondzadeh Sh, Ghaffari Novin M, **Sadeghi MR**, Ghazi Khansari M, Akhondi MA. Evaluating the effects of Centella asiatica on spermatogenesis in rats. Medical Journal of Reproduction & Infertility. 2007; 7(4): 367-374.
 38. Jahanbakht H, Parivar K, Akhondi MA, Jeddi-Tehrani M, Modarresi MH, **Sadeghi MR**, Keramatipour M, Zarnani AH, Salehkhoush. Evaluating the effects of NGF, RA and Shh growth factors on murine embryonic stem cell differentiation into neurons and oligocytes. Medical Journal of Reproduction & Infertility. 2007; 7(4): 349-357.
 39. Safarpour E, Parivar K, Akhondi MA, Jeddi-Tehrani M, Shokri F, Zarnani AH, Keramatipour M, Salehkhoush, Eini L, **Sadeghi MR**. Studying the effects of TGF- β 2 and BMP-2 growth factors on differentiation of murine embryonic stem cells into cardiomyocytes. Medical Journal of Reproduction & Infertility. 2007; 7(4): 338- 48.
 40. Aslani F, Akhondi MA, Modarresi MH, Shabani A, Aarabi M, **Sadeghi MR**. Evaluating the presence of testis specific transcripts in mature human spermatozoa. Medical Journal of Reproduction & Infertility. 2007; 8(3): 195-204
 41. Akbarzadeh Najar R, Akhondi MM, Parivar K, Jeddi Tehrani M, **Sadeghi MR**, Javadi E. The effects of Human Chorionic Gonadotropin on germ cell maturation and testosterone secretion in neonatal mouse testis. Medical Journal of Reproduction & Infertility. 2006; 7(3): 209-216.
 42. Lakpour N, Modaresi MH, Kharazi H, Akhondi MM, Veisi Raygani A, Ghasemi J, Hodjat M, **Sadeghi MR**. Polymorphism in Phospholipid Hydroperoxide Glutathione Peroxidase (PHGPx) gene in Iranian infertile men. Medical Journal of Reproduction & Infertility. 2006; 7(3): 198-208.
 43. Arabi M, Soltan Ghorae H, Amir Jannati N, Ghaffari Novin M, **Sadeghi MR**, Akhondi M, Modarresi MH. Testis Specific Gene 10 expression in the testes of patients with non-obstructive azoospermia Medical Journal of Reproduction & Infertility. 2006; 7(3): 179-186.
 44. Jalali M, Shahram F, Aryaeian N, Zeraati H, **Sadeghi MR**, Akhlaghi A, Ziaee N, Fatehi F, Chamari M. Assessment Anti oxidant enzymes in blood samples of Rheumatoid Arthritis in Romathology research center of shariatiee Hospital. Medical Journal of Tehran University of Medical Sciences. 2006; 64(8): 81-89.
 45. Hodjat M, Talebian A, Ghods R, Shabani A, Akhondi MM, **Sadeghi MR**. Purification of ubiquitin and production of specific antibody directed against it. Iranian Journal of

- Biology. 2006; 19(3): 251-263.
46. Arefi S, Akhondi MA, **Sadeghi MR**, Jeddi Tehrani M, Heidari M, Talebian A, Bayat AA, Sadeghpour Tabaei A. Intrafollicular fluid antigamete antibodies in infertile patient candidates for ICSI, Medical Journal of Reproduction & Infertility, 2006; 7(2): 101-110.
 47. Aghvami T, Djalali M, Keshavarz A, **Sadeghi MR**, Zarnani H, Sadozadeh Yeganeh H, Negahdar M. Plasma levels Antioxidant vitamins and lipid peroxidation in Breast cancer patients. Iranian Journal of Public Health. 2006; 35(1): 42-47.
 48. Hodjat M, Talebian A, Ghods R, Shabani A, Akhondi MM, **Sadeghi MR**. Purification of ubiquitin and production of specific antibody directed against it, Iranian Journal of Biology, 2006; 19(2).
 49. Behjati Ardakani Z, Akhoondi MM, **Sadeghi MR**, Sadri Ardakani H. The necessity of comprehensive study on abortion in Iran, Medical Journal of Reproduction & Infertility. 2005; 6(4): 299-320.
 50. Arabi M, Soltan ghorae H, Aarabi M, Behjati Ardakani Z, Amirjannati N, Ghaffari M, **Sadeghi MR**, Modarressi MH. Expression of synaptonemal complex protein 3 (SYCP3) mRNA in the testis: a molecular marker for spermatogenesis in azoospermic men. Medical Journal of Reproduction & infertility. 2005; 6(4): 495-504.
 51. Djalali M, Abtahi H, **Sadeghi MR**, Negahdar M, Layegh H, Farzami B, Fatehi F. A New Method for the Purification of Cu-Zn Superoxide Dismutase from Human Erythrocytes. Iranian Journal of Public Health. 2005; 34(4): 58-66.
 52. Negahdar M, Djalali M, Abtahi H, **Sadeghi MR**, Aghvami T, Javadi E, Layegh H. Blood Superoxide Dismutase and Catalase Activities in Women Affected With Breast Cancer, Iranian Journal of Public Health. 2005; 34(3): 39-43.
 53. Akhondi MM, Torkabadi E, Bayat AA, Haidari M, Ghodes M, **Sadeghi MR**, Dizaji A, Shokri F, Jeddi-Tehrani M. Monoclonal Antibody Production against Human Spermatozoa Surface Antigens. Journal of Shahid Sadoughi University of Medical Sciences and Health. 2005; 13(4): 36-50.
 54. Talebian A, **Sadeghi MR**, Sadri Ardakani H, Bolourzadeh M, Akhoondi MM. The assessment and comparison of different media and methods of sperm cryopreservation (sperm banking). Medical Journal Of Reproduction & Infertility. 2005; 6(2): 140-152.
 55. Zarnani AH, Mohammadzadeh A, Ghaffari M, Arefi S, Modarressi MH, Shokri F, Dokuhaki P, **Sadeghi MR**, Akhoondi MM, Gharehbaghian A, Jeddi Tehrani M. A Case report of recurrent hydropes fetalis due to maternal alloimmunization with kell antigen. Journal of Blood. 2005; 2(3): 59-64.
 56. Behjati Ardakani R, **Sadeghi MR**, Ghods R, Bayat AA, Jeddi Tehrani M. Extraction and purification of Ferretin from liver Tissue. Journal of Babol Medical Sciences University. 2005; 7(1): 14-21.
 57. Mahmoudi SAR, Ghods R, Zarnani AH, Heidari M, Bayat AA, Torkabadi E, Akhondi MM, Parivar K, Jeddi Tehrani M, **Sadeghi MR**. Characterization of a human Spermatozoa Surface antigens recognized by HS56 Monoclonal antibody. Medical Journal of Reproduction & Infertility. 2004; 5(4): 290-298.

58. Talebian A, Sedghzar M, Amir-Jannati N, Sadri Ardakani H, Akhondi MM, **Sadeghi MR**. Effect of time on antisperm antibody production in vasectomies male. *Journal of Immunology*. 2004; 419-423.
59. **Sadeghi MR**, Talebian A, Jalali M, Jeddi Tehrani M, Akhondi MM. AN ELISA Method for detection of antisperm antibody. *Journal of Immunology*. 2004; 231-237.
60. Talebian A, Zarnani AH, Jeddi Tehrani M, Akhond MM, Jalali M, **Sadeghi MR**. Designing an ELISA method using sperm surface antigens for detection of antisperm antibody in comparison with sperm MAR test. *Medical Journal of Reproduction & Infertility*. 2004; 5(1):23-34.
61. Akhondi MA, **Sadeghi MR**. The necessity of assisted reproductive technology (ART) in human reproduction. *Modern Human Reproductive Techniques from the view of Jurisprudence & Law*. 2002: 18-39
62. Ghaffari M, Sarani SA, Warren MA, **Sadeghi MR**. Morphology of human endometrial epithelial cells in vitro and its application for human implantation. *Journal Medical Sciences University of Shahid Sadoughi (Infertility Special Issue)*. 2000; 8(3): 3-11.
63. Akhondi MA, Ghaffari M, Moeini A, Ashrafi M, Tehrani E, **Sadeghi MR**, Karimiyan L. Intracytoplasmic sperm injection (ICSI) of one and two day(s)-old oocytes after complete in vitro fertilization (IVF) failure. *Medical Journal of Reproduction and Infertility*. 2000; 3:23-29.
64. **Sadeghi MR**, Akhondi MA, Zahraei M. Role of Sperm surface proteins with epididymal origin on fertilization. *Medical Journal of Reproduction and Infertility*. 2000; 3:43-54.
65. **Sadeghi MR**, Akhondi MM, Zahraei M. Identification of common proteins between epididymal epithelium secretions and surface of Rat spermatozoa, *Research in Medicine*. *Medical Journal of Shahid Beheshti University*. 2000; 25(1): 43-54.

2. Books:

1. Akhondi MA, **Sadeghi MR**. The necessity of assisted reproductive technology (ART) in human reproduction. Modern Human Reproductive Techniques from the View of Jurisprudence & Law (Book chapter). 2000; 1, 18-35.
2. Akhondi MM, Amir Janati N, Hedari M, **Sadeghi MR**, Sadri Ardakani H, Gaffari M, Mohamadzadeh M, Maleki H. Assisted Reproduction Laboratory. Avicenna Research Institute (ACECR). 2005.

3. Abstracts (Journals & Conference):

International Presentation:

1. Maleki H, Monavarian A, Rafinejad J, Biglarian A, **Sadeghi MR**, Olia P. The organizational culture profile based on Denison model, A case study: Medical research centers. The Advances in Business-Related Scientific Research Conference (ABSRC), March 28-30, 2012. Venice, Italy. (Oral)
2. Maleki H, Monavarian A, Rafinejad J, Biglarian A, **Sadeghi MR**, Olia P. The organizational culture profile of medical research centers, based on Denison organizational culture model. 26 - 27 September 2011. Bangkok, Thailand. (Oral)
3. Abtahi H, Shabani M, Jameie B, Zarnani AH, Talebi S, Lakpur N, Edalatkhah H, Akhondi MM, Amiri M, **Sadeghi MR**. Regulation of luteinizing hormone receptor in hippocampal neurons following different long-lasting treatments in castrated adult rat 12th Iranian Congress of Biochemistry & 4th International Congress of Biochemistry & Molecular Biology .6-9th Sep 2011 .Mashhad,Iran (Poster)
4. Akhondi MA, **Sadeghi MR**, Ghorbani B, Behjati Ardekani Z. Infertility and social problems. The First National Congress on Urban Health, 24-25 April 2010, Tehran, Iran. (Oral)
5. **Sadeghi MR**, Shidfar F, Vafa MR, Amirjannati N, Gohari MR, Akhondi MM. Effect of coenzyme Q10 supplementation on semen parameters and oxidative stress in infertile men. 7th asia pacific conference on clinical nutrition (7th APCCN 2011). 5-9 June 2011. Bangkok,Thailand. (Oral)
6. Savadi shirazi E, **Sadeghi MR**, Talebi S, Edalatkhah H, Maleki H, Akhondi MM. Male infertility and effects of genetic feature of sperms morphology on it. 1st World Congress of Obstetrics, Gynaecology and Andrology. 20-23 March 2011. London. (Poster)
7. Savadi shirazi E, **Sadeghi MR**, Edalatkhah H, Zarei S, Akhondi MM. Andrology smoking has relation with spearm – maturation via the change of mRNA copy numbers for spearmogenesis specific genes (protamins). 1st World Congress of Obstetrics, Gynaecology and Andrology. 20-23 March 2011. London. (Poster)
8. Amini L, Maleki H, Arefi S, Jahanfar S, **Sadeghi MR**, Kamali K, Tayebi M. Phenotypic spectrum of iranian women suffering from pcos. 1st World Congress of Obstetrics, Gynaecology and Andrology. 20-23 March 2011. London. (Poster)
9. Naderi MM, Hossein F, Gholizadeh Farab M, **Sadeghi MR**, Akhondi MM. Ethics in animal

- experiments. Second International Congress of Bioethics. 5-7 February 2011. Tehran, Iran. (Poster)
10. **Sadeghi MR**, Najarzadeh A. effect of Coenzyme Q10 supplementation on semen parameters and oxidative stress in infertile men. The 7th Asia Pacific Conference on Clinical Nutrition (7th APCCN). 5-9 June, 2011. Bangkok, Thailand. (Oral)
 11. Soleimani M, Babashamsi M, Yaghmaei B, **Sadeghi MR**, Raygani M, Karimi Z. Efficiency assesment of DHPLC and PCR-RFLP methods in detection of C677T mutation in MTHFR gene. 16th National and 4th International Conference of Biology, Ferdowsi University of Mashhad. 14-16 September 2010. Mashhad, Iran. (Poster)
 12. Solltanghoreae H, Pourkeramati F, Khorram khorshid HR, **Sadeghi MR**, Sadeghi Tabar A, Davodi F. PLAP marker in testicular biopsy of Iranian men by immunohistochemistry method for early diagnosis of testicular carcinoma in situ. 15-17 September 2010. Tehran, Iran. (Oral)
 13. Amini L, **Sadeghi MR**, Oskouie SFH, Jahanfar S, Maleki H, Hamzezadeh H. Lipid profile in women with Polycystic Ovary Syndrome (PCOS): A Comparative study. 6th Royan International Congress on Stem Cell Biology & Technology. 15-17 September 2010. Tehran, Iran. (Poster)
 14. Heidari M, Maleki H, Tayebi M, Akhondi MM, **Sadeghi MR**, khondzadeh S, Ramezanzadeh F. Knowledge, Attitude and Performance of couples Referred to an Infertility Treatment Centers of Tehran toward use of Herbal Medicine. 14th world congress of Gynecological Endocrinology. 4-7 March 2010., Firenze, Italy. (Poster)
 15. M. Ardekani A, Jabbari S, **Sadeghi MR**, Amir Janati N, E. Habibi A, Lakpour N, Hodjat M, Akhondi MA. Induction of protein tyrosine phosphorylation during capacitation in the spermatozoa of normozoospermic men. 10th Iranian Congress of Biochemistry & 3rd International Congress of Biochemistry and Molecular Biology. 16-19 November, 2009. Tehran, Iran. (Poster)
 16. Jafarian A, Pejhan N, **Sadeghi MR**, Salehkhoh Sh. Transplantation of spermatogonial stem cell suspension through rete testis of mice after chemotherapy. 10th Iranian Congress of Biochemistry & 3rd International Congress of Biochemistry and Molecular Biology. 16-19 November, 2009. Tehran, Iran. (Poster)
 17. Jabbari S, M. Ardekani A, **Sadeghi MR**, Amir Janati N, E. Habibi A, Lakpour N, Hodjat M, Akhondi MA. Tyrosine phosphorylation pattern in sperm proteins isolated from normozoospermic and infertile teratozoospermic men. 10th Iranian Congress of Biochemistry & 3rd International Congress of Biochemistry and Molecular Biology. 16-19 November, 2009. Tehran, Iran. (Oral)
 18. Raigani M, **Sadeghi MR**, Sabetian S, Yaghmaei B, Akhondi MA, Beigi Harchegani A, Hodjat M. Comparison of seminal folate and vitamin B12 between normozoospermic and azoospermic men. 10th Iranian Congress of Biochemistry & 3rd International Congress of Biochemistry and Molecular Biology. 16-19 November, 2009. Tehran, Iran. (Oral)

19. Heidari M, Maleki H, Tayebi M, Akhondi MA, **Sadeghi MR**, Akhonzadeh Sh, Ramezanzadeh F, Bagheri M. Knowledge, Attitude and Practice of couples Referred to an Infertility Treatment Centers of Tehran toward use of Herbal Medicine. 8th International Congress on Obstetrics and Gynecology, 5-9 November 2009, Tehran, Iran. (Poster)
20. Raygani M, **Sadeghi MR**, Akhondi MA, Amirjannati N, Savadi Shirazi E, Asgharpour L. Effect of folic acid and zinc sulfate supplementation on sperm functional parameters in infertile male. 8th International Congress on Obstetrics and Gynecology, 5-9 November 2009, Tehran, Iran. (Oral)
21. Raygani M, Sadeghi MR, Akhondi MA, Amirjannati N, Lakpour N. Comparison single nucleotide polymorphisms of C677T in MTHFR gene and A66G in MTRR gene between oligoasthenoteratozoospermic and normozoospermic men. 8th International Congress on Obstetrics and Gynecology, 5-9 November 2009, Tehran, Iran. (Oral)
22. Jafarian A, Akhondi MA, Pezhhan N, Sadeghi MR, Zarnani AH, Salehkhoh Sh. Spermatogonial stem cell transplantation in azoospermic mice. 2nd International and 7th National Congress on Quality Improvement in Clinical Laboratories. 20-23 April 2009. Tehran, Iran. (Oral)
23. Savadi Shirazi E, **Sadeghi MR**, Talebi S, Edalatkah H, Rabbani H, Akhondi MA, Asgharpour L, Beyk B. The relationship between the mRNA levels of spermiogenesis specific genes (PRM1, PRM2 & TNP2) and normal morphology of mature sperm. The proceedings of the Third Asia-Pacific Forum on Andrology (3APFA). 10-13 October, 2009. Nanjing – China. (Poster)
24. Sabetian S, **Sadeghi MR**, Akhondi MA, Amirjannati N, Hodjat M, Lakpour N. Comparing seminal plasma markers in normospermic and azoospermic men. The proceedings of the Third Asia-Pacific Forum on Andrology (3APFA). 10-13 October, 2009. Nanjing – China. (Poster)
25. Raigani M, **Sadeghi MR**, Yaghmaei B, Rabbani H, Akhondi MA, Lakpour N, Hodjat M, Rezaie G. Frequency of single nucleotide polymorphism of methylenetetrahydrofolate reductase (MTHFR) gene in oligoasthenoteratozoospermic (OAT) and normozoospermic men. The proceedings of the Third Asia-Pacific Forum on Andrology (3APFA). 10-13 October, 2009. Nanjing – China. (Poster)
26. Jafarian A, Akhondi MA, Pezhhan N, **Sadeghi MR**, Salehkhoh Sh. Effect of the Estradiol and FSH hormones on regeneration of spermatogenesis after chemotrathy. The proceedings of the Third Asia-Pacific Forum on Andrology (3APFA). 10-13 October, 2009. Nanjing – China. (Poster)
27. Mirfeizollahi A., **Sadeghi M.R.**, Akhondi M.A., Hodjat M., Farivar S.H., Modaresi M.H. GSTM1 and GSTP1 genes polymorphisms and glutathione S-transferase activity in Iranian infertile men. The proceedings of the Third Asia-Pacific Forum on Andrology (3APFA). 10-13 October, 2009. Nanjing – China. (Poster)
28. Lakpour N, **Sadeghi MR**, Kharrazi H, Hodjat M, Akhondi MA, Amirjannati N.

- Evaluating effective causes in sperm DNA damage: abnormal packing due to underprotamination as a key reason. The proceedings of the Third Asia-Pacific Forum on Andrology (3APFA). 10-13 October, 2009. Nanjing – China. (Poster)
29. Jafarian A, Akhondi MA, Pezhhan N, **Sadeghi MR**, Salehkhoh Sh. Transplantation of spermatogonial stem cell suspension through rete testis of azoospermic mice. The proceedings of the Third Asia-Pacific Forum on Andrology (3APFA). 10-13 October, 2009. Nanjing – China. (Oral)
 30. **Sadeghi MR**, Hodjat M, Akhondi MA, Hossaini Jadda H, Arefi S, Amirjannati N, Bolurzadeh M. Comparison of chromatin status and fertilizing ability between epididymal and ejaculated human spermatozoa. The proceedings of the Third Asia-Pacific Forum on Andrology (3APFA). 10-13 October, 2009. Nanjing – China. (Oral)
 31. M. Ardekani A, Jabbari S, Sadeghi MR, Amirjanati N, Habibi AE, Lakpour N, Hodjat M, Akhondi MM. Phosphoproteomic pattern in normozoospermic and infertile teratozoospermic men. HUPO 2009 World Congress. 26-30 September, 2009. Toronto, Canada. (Poster)
 32. Aslani F, **Sadeghi MR**, Modarressi MH, Akhondi MM, Hodjat M. Germ Cell specific transcripts in semen: non- invasive molecular markers. International Workshop Molecular Andrology. 8-10 May, 2009. Altes schloss Giessen, Germany (Poster)
 33. Heidari M, Amiri F, **Sadeghi MR**, Akhondi MA. Evaluation of the effects of Rosmarinus officinalis extract on the reproductive system of male rats. International Workshop Molecular Andrology. 8-10 May, 2009. Altes schloss Giessen, Germany (Poster)
 34. Kokab A, Akhondi MM, **Sadeghi MR**, Modarressi MH, Jennings R, Pacey AA. Raised inflammatory markers in semen from men with asymptomatic chlamydial infection. The 8th Royan International Twin Congress. Tehran, Iran, 5-7 Sept, 2007. (Oral)
 35. Heidari M, Jamsedi AH, Ghaffari M, **Sadeghi MR**, Akhondi MA, Ghazi Khansari M. Evaluation antifertility effect of crude extract on of Centella Asiatica on male rat In Vivo. 14th Annual Meeting of MEFS. 31 Oct 3Nov, 2007. Antalya, Turkey. (Oral)
 36. Aslani F, **Sadeghi MR**, Modaresi MH, Shabani A, Arabi M, Hodjat M. Expression profile of testis specific genes in the ejaculated spermatozoa. 14th Annual Meeting of MEFS. 31 Oct 3Nov, 2007. Antalya, Turkey. (Oral)
 37. **Sadeghi MR**, Aslani F, Modarressi MH, Shabani A, Arabi M, Hodjat M. Comparison of molecular and histopathologic approaches in analyzing spermatogenesis status in men with non – obstructive azoospermia. 14th Annual Meeting of MEFS. 31 Oct 3Nov, 2007. Antalya, Turkey. (Oral)
 38. Lakpour N, Kharrazi H, Jafarian A, Hodjat M, Savadi Shirazi E, Akhondi MM, Modaresi MH, **Sadeghi MR**. Relationship between oxidative stress and sperm DNA damage in men of normozoospermia and abnormal sperm parameters. 14th Annual Meeting of MEFS. 31 Oct 3Nov, 2007. Antalya, Turkey. (Poster)
 39. **Sadeghi MR**, Hodjat M, Akhondi M, Mobaraki M, Savadi Shirazi E. The predictive value of four different sperm chromatin assays for the outcome of ICSI. 14th Annual

- Meeting of MEFS. 31 Oct 3Nov, 2007. Antalya, Turkey. (Poster)
40. Naghibi Harat Z., Sadeghipour H.R., **Sadeghi M.R.**, Kamalinejad M., Eshraghian M.R. Coumarines effects on human sperm motility. 14th Annual Meeting of MEFS. 31 Oct 3Nov, 2007. Antalya, Turkey. (Poster)
 41. Pacey AA, Safarpour E, Parivar K, **Sadeghi MR**, Akhondi MM, Jeddi Tehrani M, Shokri F. The study of effects of growth factors of TGF-beta-2 and BMP-2 on differentiation of mouse embryonic stem cells into cardiomyocyte. Joint Spring Meeting of the Genetics Society and the Societies of the Cell and Developmental Biology. 29th March- 1stApr, 2007. Heriot –Watt University, Edinburgh. (Poster)
 42. Nouri M, Ghaffari Novin M, Heidari M, **Sadeghi MR**, Akhondi M. Study of attachment and invasion of human embryo in vitro. Indo –French Congress on Gynecologic Endoscopy, Infertility and Ultrasound. 23rd -26th Nov, 2006. Varanasi, India. (Poster)
 43. Arefi S, Akhondi MM, Zonobi M, Mohammadzadeh A, Ghaffari M, Tokhmechi R, **Sadeghi MR**. The value of hysteroscopy in patients having failed VF/ICSI transfer cycles. XVIII FIGO World Congress of Gynecology and Obstetrics 5th -10th Nov, 2006. Kuala Lumpur, Malaysia. (Oral)
 44. Sadri Ardekani H, Akhoondi MA, Talebian A, Bolourzadeh M, **Sadeghi MR**. The assessment and comparison of different media and methods of sperm cryopreservation. 14th European Workshop on Molecular and Cellular Endocrinology of the Testis. 22-26 Apr, 2006. Bad Aibling, Bavaria, Germany. (Oral)
 45. Modarressi MH, Saliminejad K, Aarabi M, Sheidaei M, Soltanghorae H, **Sadeghi MR**, Amir jannati N. Expression analysis of DAZ (deleted in azoospermia) genes in non- obstructive azoospermic patients. 22th Annual meeting of European Society of Human Reproduction and Embryology (ESHRE). 18-21 Jun, 2006. Prague,Czech Republic. (Oral)
 46. Darvishnia M, **Sadeghi MR**, Shams lahijani M, Akhondi MM, Hodjat M. Effects of different cryopreservation methods and cryoprotectants on human spermatozoa. 22nd Annual meeting of European Society of Human Reproduction and Embryology (ESHRE). 18-21 Jun, 2006. Prague,Czech Republic. (Poster)
 47. Hodjat M, **Sadeghi MR**, Akhondi M, Ghaffari M. increased sperm ubiquitination correlate with routine semen analysis purameters. 22th Annual meeting of European Society of Human Reproduction and Embryology (ESHRE). 18-21 Jun, 2006. Prague,Czech Republic. (Poster)
 48. Hodjat M, Talebian A, Ghods R, Shabani A, Akhondi MM, **Sadeghi MR**. Increased sperm ubiquitination correlate with routine semen analysis parameters. International conference on male reproduction and Infertility, Indian, 2005.
 49. **Sadeghi MR**, Hodjat M, Talebian A, Gaffari M, Sadri Ardekani H, Akhondi MM. Sperm ubiquitination as a function test correlates with semen parameters. International workshop Molecular Andrology. 7-9 Oct, 2005. Giessen, Germany. (Poster)
 50. Sadri Ardekani H, Mobaraki M, Amirjanti N, Zeraati H, Ghaffari M, Akhondi MM,

- Sadeghi MR.** Comparison Semen Parameters and two sperm chromatin structure: as routine diagnostic tests for evaluation male factor infertility. International workshop Molecular Andrology. 7-9 Oct, 2005. Giessen, Germany. (Poster)
51. Torkabadi E, Jeddi-Tehrani M, **Sadeghi MR**, Akhondi MM. Acrosome reaction assay by flow cytometry and comparison with triple staining and quinacrine epifluorescence. 12th international congress of Immunology and the 4th annual meeting of FOCIS , 18-23 July, 2004. Montreal, Quebec, Canada. (Poster)
 52. Torkabadi E, Jeddi-Tehrani M, **Sadeghi MR**, Akhondi MM. Characterization of HS80 monoclonal antibody for detection of its antigen on the surface of human sperm. 12th international congress of Immunology and the 4th annual meeting of FOCIS, in Montreal, Canada, 18-23 July, 2004. Montreal, Quebec, Canada. (Poster)
 53. Sadri Ardakani H, **Sadeghi MR**, Akhondi MM. Production of Monoclonal antibody against Surface antigens of human Spermatozoa. Third Congress of Andrology. 11 - 14 Sep, 2004. Munster-Germany. (Poster)
 54. Talebian AA, Sedghazar M, Amir-jannati N, **Sadeghi MR**. Effect of time on antisperm antibody production in vasectomized males. 12th International Congress of Immunology and 4th Annual Conference of FOCIS. 18-23 July, 2004. Montreal, Quebec, Canada. (Poster)
 55. **Sadeghi MR**, Talebian AA, Jalali M, Jeddi Tehrani M, Akhondi MM. An ELISA Method for detection of antisperm antibody. 12th International Congress of Immunology and 4th Annual Conference of FOCIS. 18-23 July, 2004. Montreal, Quebec, Canada. (Poster)
 56. Jeddi Tehrani M, **Sadeghi MR**, Talebian AA, Akhondi MM, Jalali M. Comparison ELISA and SpermMar test for measurement of anti-sperm antibody: case report. The 1st International Center of Cancer Genetics, The 3rd Joint Meeting of the British Andrology Society, the British Fertility Society and the Society for Reproduction and Fertility. 13-16 December, 2003. British Scotland. (Poster)
 57. Akhondi MM, **Sadeghi MR**. SpermMar test false positive or ELISA false negative antisperm measurement. 4th COGI Congress, Berlin, 2003. (Poster)
 58. Arefi S, Jahanfar S, Maleki H, **Sadeghi MR**. Ultrasound diagnosis and a twin study of polycystic ovarian syndrome. 11th International congress on human reproduction, Canada, 4 June, 2002. Montreal, Canada. (Poster)
 59. Jahanfar S, Arefi S, **Sadeghi MR**, Maleki H. Twin study of polycystic ovarian syndrome. Genetic or Environmental? 18th Annual meeting of the ESHER. 2002. Vienna, Austria. (Poster)
 60. **Sadeghi MR**, Akhondi MA, Zahraei M. Identification of rat epididymal secretory proteins with essential role in fertilization. 17th European Society of Human Reproduction and Embryology (ESHRE). 1-4 July, 2001. Lausanne, Switzerland. (Oral)
 61. Akhondi MA, **Sadeghi MR**, Zahraei M. Identification of Common Proteins Between Epididymal Epithelium and Secretion and Surface of Rat Spermatozoa. 16th European Society of Human Reproduction and Embryology (ESHRE), Italy, 2000. Bologna, Italy. (Oral)

62. **Sadeghi MR**, Akhondi MM, Zahraei M, Baharvand H. Secreted 20 kDa Protein from Rat Epididymal Epithelium has an Critical Role in Fertilization. Joint UK Fertility Societies Meetings fertility. 31July-2 August, 2000. Edinburgh. (Poster)
63. Akhondi MA, **Sadeghi MR**, Zahraei M. Identification of Common Proteins between Epididimal Epithelium and Secretion and Surface of Rat Spermatozoa. MEFS, Sharmoshaykh Egypt, 1999. Bologna, Italy. (Oral)

National presentations:

1. Idali F, Zarei S, Zarnani AH, **Sadeghi MR**, Mohammadzadeh A, Torabi R, Akbarzadehpasha Z, Jeddi-Tehrani M. plasminogen activator inhibitor 1 and methylene tetrahydrofolate reductase gene mutations in iranian women with polycystic ovary syndrome .9th International Congress on Obstetrics and Gynecology .8-11th Novamner 2011 .Tehran, Iran. (Poster)
2. Nadjarzadeh A,**Sadeghi MR**, Shidfar F, Amirjanati N, Vafa MR, Gohari MR, Akhoondi MM. Effect of ubiquinone supplementation on seminal oxidative status of infertile men with oligoasthenoteratozoosperia. 4th Yazd International Congress and Student Award in Reproductive Medicine. 15-17 April 2011. Yazd ,Iran. (Oral)
3. Amini L, **Sadeghi MR**, Oskouei F, Kamali K, Maleki H. Lipid subgroups in Iranian women with hirsutism. 1st International and 3rd Iranian Congress of Endocrine & Metabolism Updates. 30 November- 3 December 2010. Isfahan, Iran. (Poster)
4. Amini L, **Sadeghi MR**, Oskouie SFH, Jahanfar S, Maleki H, Hamzezadeh H. Lipid profile in women with Polycystic Ovary Syndrome (PCOS): A Comparative study. 11th Royan International Congress on Reproductive Biomedicine. 15-17 September 2010. Tehran, Iran. (Poster)
5. Zandemami M, **Sadeghi MR**, Qujeq D, Akhondi MM, Hodjat M. Protamine deficiency as a cause or effect of decreased semen quality. 16th Congress of Iranian Society for Reproductive Medicine. 3-5 March 2010. Shiraz, Iran. (Oral)
6. Heidari M, Maleki H, Tayebi M, Akhondi MM, **Sadeghi MR**, Akhonzadeh Sh, Ramezanzadeh F, Bagheri M, Abouzar S. Knowledge, attitude and factors referred to an infertility treatment centers in Tehran to use plants. 16th Congress of Iranian Society for Reproductive Medicine. 3-5 March 2010. Shiraz, Iran. (Oral)
7. **Sadeghi MR**. Management of physico-chemical factors in an assisted reproductive technology laboratory. Abstracts of 16th Congress of Iranian Society for Reproductive Medicine. 3-5 March 2010. Shiraz, Iran. (Oral)
8. Raigani M, **Sadeghi MR**, Akhondi MA, Amir Jannati N, Soleimani Badia M.Impacts of MTHFR polymorphism on the effects of folic acid and zinc sulfate supplementations in OAT men. Abstracts of 16th Congress of Iranian Society for Reproductive Medicine. 3-5 March 2010. Shiraz, Iran. (Oral)

9. Heidari M, Maleki H, Tayebi M, Akhondi MM, **Sadeghi MR**, Akhonzadeh Sh, Ramezanzadeh F, bagheri M. Knowledge, attitude and factors referred to an infertility treatment centers in Tehran to use plants. Abstracts of 16th Congress of Iranian Society for Reproductive Medicine. 3-5 March 2010. Shiraz, Iran. (Oral)
10. HekmatDoost A, **Sadeghi MR**. Testicular Tissue Freezing., The 1st Congress on Fertility Preservation, Jan 13-14, 2010, Tehran, Iran. (Poster)
11. Naderi MM, Sarvari A, **Sadeghi MR**, Akhondi MM. Cryobiology and Fertility Preservation., The 1st Congress on Fertility Preservation, Jan 13-14, 2010, Tehran, Iran. (Poster)
12. AmirJannati N, **Sadeghi MR**, Hoseini Jadda SH, Ranjbar F, Kamali K, Akhondi MA. A study of Semen Parameters of cancer Patients before Sperm Cryopreservation with emphasis on Fertility Preservation. The 1st Congress on Fertility Preservation, Jan 13-14, 2010, Tehran, Iran. (Poster)
13. HekmatDoost A, **Sadeghi MR**. A Review on Sperm Cryopreservation. The 1st Congress on Fertility Preservation, Jan 13-14, 2010, Tehran, Iran. (Oral)
14. Jafarian A, Akhondi M.A, Pezhhan N, **Sadeghi MR**, Zarnani AH, Salehkhoh Sh. Spermatogonial stem cell transplantation in azoospermic mice. 2nd International and 7th National Congress on Quality Improvement in Clinical Laboratories.
15. Mirfeizollahi A, **Sadeghi MR**, Farivar Sh, Hodjat M, Akhondi MA, Lakpour N. GSTM genetic polymorphism and glutathione S-transferase activity in Iranian infertile men. 18-20 Feb. 2009.
16. Hodjat M, Savadi Shirazi E, **Sadeghi MR**, Bahmani M, Edalatkhah H, Rabbani H, Akhondi MA. Quantification of protamines 1, 2 and transition protein 2 transcript contents in human spermatozoa and their relation with sperm morphology. 18-20 Feb. 2009.
17. Amirjannati N, Akhondi MM, Ghorbani B, **Sadeghi MR**, Jeddi-Tehrani M. Sexual and hormonal function of patients with non-obstructive azoospermia with the chief complaint of Infertility. 18-20 Feb. 2009.
18. Raigani M, **Sadeghi MR**, Yaghmaei B, Akhondi MA, Lakpour N, Hodjat M, Rezaei Farmani A. Comparison of C677T polymorphism of the methylenetetrahydrofolate reductase (MTHFR) gene in oligo-asthenoterato-zoospermic (OAT) and normozoospermic Iranian men 18-20 Feb. 2009.
19. Jafarian A, Akhondi MM, **Sadeghi MR**, Salehkhoh Sh. Effect of the female hormone 'Estradiol' and FSH on regeneration of spermatogenesis after chemotherapy. 15th Congress of Iranian Society for Reproductive Medicine, 18-20 February 2009, Tehran, Iran.
20. Aslani F, **Sadeghi MR**, Modarresi MH, Akhondi MM, Soltanghoreae H. DAZ and PRM2 transcripts in semen: Non- invasive molecular markers. . 15th Congress of Iranian Society for Reproductive Medicine, 18-20 February 2009, Tehran, Iran.
21. Lakpour N, **Sadeghi MR**, Kharrazi H, Akhondi MM. Motevallizadeh-Ardekani A., Hodjat M. Relationship between reproductive hormones and oxidative stress with sperm DNA integrity. . 15th Congress of Iranian Society for Reproductive Medicine,

18-20 February 2009, Tehran, Iran.

22. **Sadeghi MR**, Hodjat M, Akhondi MM, Bolurzadeh M. Comparison of chromatin integrity and fertilization ability between epididymal and ejaculated spermatozoa. . 15th Congress of Iranian Society for Reproductive Medicine, 18-20 February 2009, Tehran, Iran.
23. **Sadeghi MR**. Embryo Culture media and their role in ART outcomes. 1st International Symposium and Workshop on Clinical Embryology, 22-23 November 2008, Yazd, Iran.
24. **Sadeghi MR**, Hodjat M, Akhondi MA, Mobaraki M. Predictive value of the sperm chromatin assay for the outcome of ICSI7th International Congress on Obstetrics and Gynecology, 9-13 November 2007, Tehran, Iran.
25. Hodjat M, **Sadeghi MR**, Akhondi A, Mobaraki M. Ubiquitin-dependent quality control system has the ability to detect spermatozoa with abnormal chromatin integri. 7th International Congress on Obstetrics and Gynecology, 9-13 November 2007, Tehran, Iran.
26. Akbarzadeh Najar R, Akhondi MA, Jeddi-Tehrani M, **Sadeghi MR**, Salehkhoush. Spermatogonial stem cell transplantation in mice. 7th International Congress on Obstetrics and Gynecology, 9-13 November 2007, Tehran, Iran.
27. Aarabi M, Soltanghorae H, Amirjannati N, **Sadeghi MR**, Akhondi M, Modarressi MH. Testicular expression of NYD-SP5 mRNA in infertile patients. 7th International Congress on Obstetrics and Gynecology, 9-13 November 2007, Tehran, Iran.
28. Chamani Tabriz L, Zeraati H, Asgari S, Shabestari O, **Sadeghi MR**, Heidari M. Seroprevalence of Toxo in Avesina Infertility Clinic Lab attendees. 7th International Congress on Obstetrics and Gynecology, 9-13 November 2007, Tehran, Iran.
29. Aslani F, **Sadeghi MR**, Modarressi MH, Shabani A, Aarabi M. Identification of testis specific genes in human spermatozoa7th International Congress on Obstetrics and Gynecology, 9-13 November 2007, Tehran, Iran.
30. Naghibi Harat Zh, Sadeghipour HR, **Sadeghi MR**, Kamalinejad M, Eshraghian MR. In vitro effect of aqueous extract *Ruta graveolens* L. on human sperm. 18th Iranian Congress of Physiology & Pharmacology, 26-30 August 2007, Mashhad, Iran.
31. Kharrazi H, Lakpour N, **Sadeghi MR**, Vaisi Raygani A, Akhondi MM. Phospholipid hydroperoxide glutathione peroxidase gene polymorphism in Iranian infertile men. 9th Iranian Congress of Biochemistry & the 2nd International Congress of Biochemistry and Molecular Biology, 29 October-1 November 2007, Shiraz, Iran
32. Lakpour N, Kharrazi H, Jafarian A, Hodjat M, Savadi Shirazi E, Akhondi MM, Modaresi MH, **Sadeghi MR**. Relationship between oxidative stress and sperm DNA damage in men with normozoospermia and abnormal sperm parameters. 9th Iranian Congress of Biochemistry & the 2nd International Congress of Biochemistry and Molecular Biology, 29 October-1 November 2007, Shiraz, Iran
33. Aslani F, **Sadeghi MR**, Modaresi MH, Shabani A, Arabi M. Identification analysis of the genes expressed in the ejaculated spermatozoa. 9th Iranian Congress of Biochemistry & the 2nd International Congress of Biochemistry and Molecular

Biology, 29 October-1 November 2007, Shiraz, Iran

34. **Sadeghi MR**, Hodjat M, Akhondi MA, Mobaraki M. Abnormal chromatin integrity may serve as a signal for sperm ubiquitination. 9th Iranian Congress of Biochemistry & the 2nd International Congress of Biochemistry and Molecular Biology, 29 October-1 November 2007, Shiraz, Iran
35. Aslani f, **Sadeghi MR**, Modaressi MH, Shaabani A, Arabi M. Evaluation of testis specific genes in human ejaculated spermatozoa. 7th International Congress on Obstetrics and Gynecology. Tehran, Iran, 9-13 Nov, 2007.
36. Chamani L, Zeraati H, Asghari S, Shabestari O, **Sadeghi MR**, Heidari M. Seroepidemiology of Toxoplasmosis in women attending to Avicenna Infertility Clinic (AIC). 7th International Congress on Obstetrics and Gynecology. Tehran, Iran, 9-13 Nov, 2007.
37. Aarabi M, Soltanghoreae H, Amirjanati N, **Sadeghi MR**, Akhondi MA, Modaressi MH. Testicular Expression of NYD-SP5 mRNA in Infertile Patients. 7th International Congress on Obstetrics and Gynecology. Tehran, Iran, 9-13 Nov, 2007.
38. Akbarzadehnajar R, Akhondi MA, Jeddi-tehrani M, **Sadeghi MR**, Saleh kho Sh. Spermatogonial Stem Cell Transplantation in mice. 7th International Congress on Obstetrics and Gynecology. Tehran, Iran, 9-13 Nov, 2007.
39. Hodjat M, **Sadeghi MR**, Akhondi MA, Mobaraki M. Ubiquitin-dependent quality control system has the ability to detect spermatozoa with abnormal chromatin integrity. 7th International Congress on Obstetrics and Gynecology. Tehran, Iran, 9-13 Nov, 2007.
40. **Sadeghi MR**, Hodjat M, Akhondi MA, Mobaraki M. Predictive value of the sperm chromatin assay for the outcome of ICSI. 7th International Congress on Obstetrics and Gynecology. Tehran, Iran, 9-13 Nov, 2007.
41. Lakpour N, Modarresi SMH, Kharazi H, Akhondi MM, Veisi Raygani A, **Sadeghi MR**, Ghasemi J, Hojat M. polymorphism in phospholipid hydroperoxid Glutathione peroxidase (PHGPx) in Iranian infertite Men. 2th yazd internation student award in Reproductive medicine, yazd, Iran, 11-13 May, 2007.
42. Darvishnia H, **Sadeghi MR**, Shamse Lahijani M, Akhondi MM. Effect of vitrification on human sperm DNA integrity using cytochemical test. 9th world Congress in Controversies in Obstetrics Gynecology and Infertility, Spain, Barselona, 22-25 March, 2007.
43. Heidari M, Jamsedi AH, Ghaffari M, **Sadeghi MR**, Akhondi MA, Ghazi Khansari M. Study of antifertility effect of crude extract of Centella Asiatica in male mice. 9th Iranian Congress of Toxicology, Shiraz, Iran, 15-17 May, 2007
44. Safarpour E, Parivar K, **Sadeghi MR**, Akhondi MM, Jedi Tehrani M, Shokri F, Zarnani H, Keramatipoor M. The study of effects of growth factors of TGF-beta-2 and BMP-2 on differentiation of mouse embryonic stem cells into cardiomyocyte. First Iranian Heart Failure Summit, Tehran, Iran, 28 February-2 March, 2007.
45. Modaressi MH, Aarabi M, Soltanghoreae H, Aarabi M, Behjati R, Amirjannati N, **Sadeghi MR**. Testicular expression of synaptonemal complex protein 3 (SYCP3)

- mRNA in 110 patients with azoospermia. 13th International Congress of Fertility and Infertility, Tehran, Iran, 21-23 February, 2007.
46. Hojat M, **Sadeghi MR**, Akhondi MA, Mobaraki M. Study the correlation of sperm abnormal integrity and sperm ubiquitination. 13th International Congress of Fertility and Infertility, Tehran, Iran, 21-23 February, 2007.
 47. Lakpour N, Modarresi SMH, Kharazi H, Akhondi MM, Veisi Raygani A, **Sadeghi MR**, Ghasemi J, Hojat M. polymorphism in phospholipid hydroperoxid Glutathione peroxidase (PHGPx) in Iranian infertite Men. 13th International Congress of Fertility and Infertility, Tehran, Iran, 21-23 February, 2007.
 48. Heidari M, Ghaffari M, **Sadeghi MR**, Ghazi Khansari M, Eini L, Jamshidi AH. Effects of extracts of centella asiatica on spermatogenesis and testis in rat. 13th International Congress of Fertility and Infertility, Tehran, Iran, 21-23 Feb, 2007.
 49. Darvishnia H, **Sadeghi MR**, Shams Lahijani M, Akhondi MM. The effects of vitrification method on parameters of human sperm. 14th National & 2nd International Conference of Biology, Tarbiat Modares University, Tehran, Iran, 29-31 Aug, 2006.
 50. Arefi S, Akhondi MM, Zonobi M, Mohammadzadeh A, Ghaffari M, Tokhmechi R, **Sadeghi MR**. Value of hysteroscopy after repeated IVF failures. The 6th International Congress on Obstetrics & Gynecology, Tehran, Iran, 25-29 Nov, 2005.
 51. Talebian A, Sedgh azar M, Amir Janati N, Sadri Ardekani H, Akhondi MM, **Sadeghi MR**, Talebian A. Effect of time on antisperm antibody production in vasectomized male. The 6th International Congress on Obstetrics & Gynecology, Tehran, Iran, 25-29 Nov, 2005.
 52. Modarresi SMH, Aarabi M, Soltanghorae H, Aarabi Mn, Behjati R, Amirjannati N, **Sadeghi MR**. Testicular expression of synaptonemal complex protein 3 (SYCP3)mRNA in 110 patients with azoospermia. The 6th International Congress on Obstetrics & Gynecology, Tehran, Iran, 25-29 Nov, 2005.
 53. **Sadeghi MR**, Akhondi MM, Zeraati H, Amir Janati N. Comparative study of semen analysis and analysis of sperm chromatin agent for male infertility problem. The 6th International Congress on Obstetrics & Gynecology, Tehran, Iran, 25-29 Nov, 2005.
 54. **Sadeghi MR**, Akhondi MM, Amir janati N, Ghaffari M, Mobaraki M, Sadri Ardekani H. Comparison routine semen analysis And two methods at sperm chromatin structure assay in male Infertility. 6th International Congress on obstetrics and Gyncology, Tehran-Iran, 25-29 Nov, 2005.
 55. Akhondi MM, Ghaffari M, **Sadeghi MR**, Sadri ArdekaniH. Sperm Banking and its role in male fertility: recent prospective. 6th International Congress on obstetrics and Gyncology, Tehran-Iran, 25-29 Nov, 2005.
 56. **Sadeghi MR**, Akhondi MM, Ghaffari M. Sperm Function tests and its position in Evaluation of male Inferlitiy. 6th International Congress on obstetrics and Gyncology, Tehran-Iran, 25-29 Nov, 2005.
 57. Naseri N, Mossafa N, Pakzad P, Jeddi Tehrani M, Akhondi MM, **Sadeghi MR**. Effect of inhibin in facility eind infertility.
 58. Hodjat M, Talebian A, Ghods R, Akhondi MM, Shabani A, **Sadeghi MR**. Detection

- of defective sperms by application of specific antibody against ubiquitin. 11th Congress of Fertility and Infertility, Tehran, Iran, 24-25 Feb, 2005.
59. Naseri N, Bayat AA, Talebian A, Ghods R, Mosaffa N, Pakzad P, Jeddi Tehrani M, **Sadeghi MR**. Generation of monoclonal antibody against human inhibin. 11th Congress of Fertility and Infertility, Tehran, Iran, 24-25 Feb, 2005.
 60. Moderesi Jafarabad T, Parivar K, **Sadeghi MR**, Mohseni koochasfahani H. Isolation and recognition of spermatogenic cells lineages from testis tissue. 13th Iranian Biology Conference and the First International Conference of Biology Guilan University, Rasht, Iran, 2005.
 61. .Hojjat M, Talebian A, Ghods R, Akhondi MM, **Sadegh MR**. Detection of Ubiquitin as a protein marker on the sperm surface of oligoasthenoteratozoospermia. 8th Iranian Congress of Biochemistry and the First international Congress of Biochemistry & Molecular Biology 11-15 Sep, 2005.
 62. Naseri N, Bayata AA, Talebian A, Ghods R, Mosafa N, Pakzad P, Jeddi Tehrani M, Akhondi MM, **Sadeghi MR**. Purification of native inhibin from human follicular fluid using monoclonal antibody. 8th Iranian Congress of Biochemistry and the First international Congress of Biochemistry & Molecular Biology, 11-15 Sep, 2005.
 63. Torkabadi E., Jeddi Tehrani M., **Sadeghi M.R.**, Pakzad P., Akhoondi M.M. Characterization of HS80 Monoclonal Antibody for Detection of Its Antigen on the Surface of Human Sperm. 7th Congress of Immunology & Allergy, Mashhad, Iran, 4-7 May, 2004.
 64. Torkabadi E, Mahmoudi SAR, Jeddi Tehrani M, **Sadeghi MR**, Pakzad P, Akhoondi MM. Characterization of HS80 monoclonal antibody for detection of its antigen on the surface of human sperm. Congress on Immunological Aspects of Fertility and Infertility, Isfahan, Iran, 14-15 Jan, 2004
 65. Mahmoudi SAR, Torkabadi E, Heidari M, Ghods R, Zarnani AH, Akhondi MM, Parivar K, Jeddi-Tehrani M, **Sadeghi MR**. Characterization of sperm surface antigen by 4F7G7 monoclonal antibody. Congress on Immunological Aspects of Fertility and Infertility, Isfahan, Iran, 14-15 Jan, 2004.
 66. Torkabady E, Zarnani AH, Jeddi Tehrani M, **Sadeghi MR**, Pakzad P, Akhondi MM. DNA vaccines and Infertility. Congress on Immunological Aspects of Fertility and Infertility, Isfahan, Iran, 14-15 Jan, 2004.
 67. Torkabady E, Zarnani AH, Jeddi-Tehrani M, **Sadeghi MR**, Akhondi MM. Acrosome reaction assay by flow cytometry and comparison with triple staining and Quinacrine epifluorescence. Congress on Immunological Aspects of Fertility and Infertility Isfahan, Iran, 14-15 Jan, 2004.
 68. Talebian A, Sedghazar M, Amirjannati N, **Sadeghi MR**. Effect of time on antisperm antibody production in vasectomized males. Congress on Immunological Aspects of Fertility and Infertility Isfahan, Iran, 14-15 Jan, 2004.
 69. **Sadeghi MR**, Talebian A, Jeddi Tehrani M, Akhondi MM. ELISA method for detection of antisperm antibody. Congress on Immunological Aspects of Fertility and Infertility, Isfahan, Iran, 14-15 Jan, 2004.
 70. Behjati R, **Sadeghi MR**, Ghods R, Bayat AA, Jeddi Tehrani M. Extraction and

- Purification of Ferritin from Liver Tissue. The 3th National Biotechnology Congress Islamic Republic of Iran, Mashhad, Iran, 9-11 Sep, 2003.
71. Heidari M, Mahmoudi AR, Torkabadi E, Ghods R, Bayat AA, Zarnani AH, Jeddi Tehrani M, **Sadeghi MR**, Akhondi MM. Production of monoclonal antibodies against sperm surface antigens and it's characterization. The 3rd National Biotechnology Congress, Mashhad, Iran, 9-11 Sep, 2003.
 72. Talebian A, Zarnani AH, Jeddi Tehrani M, **Sadeghi MR**. Designing and ELISA method with sperm Surface antigens for detection of antisperm antibody and comparing it with spermMAR agglutination test. The 3rd National Biotechnology Congress Mashhad, Iran, 9-11 Sep, 2003.
 73. Talebian A, Zarnani AH, Akhondi MM, **Sadeghi MR**. Designing an ELISA method with sperm surface antigens for detection of antisperm antibody and comparing it with spermMar agglutination test. First Iranian Conference for Cell and Developmental Biology Tehran, Iran, 13-14 Sep, 2003.
 74. Heidari M, Bayat AA, Jeddi Tehrani M, **Sadeghi MR**, Akhondi MM. Production of Monoclonal antibodies against sperm surface antigens. First Iranian Conference for Cell and Developmental Biology Tehran, Iran, 13-14 Sep, 2003.
 75. Mahmoudi AR, Torkabadi E, Heidari M, Zarnani AH, Jeddi Tehrani M, **Sadeghi MR**. Characterization of human sperm surface antigens by monoclonal antibody. First Iranian Conference for Cell And Developmental Biology Tehran, Iran, 13-14 Sep, 2003.
 76. Mahmoudi AR, Torkabadi E, **Sadeghi MR**. Comparison of different acrosome reaction inducers. First Iranian Conference for Cell and Developmental Biology Tehran, Iran, 13-14 Sep, 2003.
 77. **Sadeghi MR.**, Akhondi MM, Zahraei M. Identification of effective proteins in fertilizing ability of spermatozoa with epididymal epithelial cells origin. 6th Iranian Congress on Biochemistry Tehran, Iran, 22-25 Oct, 2001.
 78. **Sadeghi MR**, Akhondi MM, Zahraei M. Purification and identification epididymal sperm maturation factors. 1st Iranian Medical Sciences postgraduate Students conference, Tehran, Iran, 20-21 Aug, 2000.
 79. **Sadeghi MR**. Spermatogenesis and its control mechanisms. 4th specialized fertility and infertility symposium in Reproductive Endocrinology and Infertility, Tehran, Iran, 22 Feb, 1999.
 80. **Sadeghi MR**. Male Infertility and Leukocytospermia. 3th specialized fertility and infertility symposium: Infection and Infertility, Tehran, Iran, 26 Oct, 1999.
 81. **Sadeghi MR**. Spermatogenesis and role of epididymis in fertilizing ability of spermatozoa. Second Seminar in Advanced infertility Diagnosis & Treatment, Tehran, Iran, 1996.

XV- Thesis Supervised:

1. Esmaeelzadeh A. Evaluation of different semen processing methods for elimination of HIV from semen of serdiscordant couples for reduction of fetomaternal trans

- infection. Shahid beheshti university, Tehran, Iran, 2008-2011. (Consultant)
2. Eghbali M. Evaluation of focal Spermatogenesis testes of Azoospermia in fertile men via Evalotion presence of testis specific trascripts in semen. Tehran university of medical Sciences, Tehran, Iran, 2010- 2011.
 3. Torabi F. Sperm selection according to molecular markers on spermatozoa surface Azad university, Sciences and technology Branch, Tehran, Iran, 2010
 4. Rayegani M. Effect of folic acid and zinc sulfate supplementation on sperm function tests in infertile male. Shahid Beheshti Medical Sciences University, Tehran, Iran, 2007-2009.
 5. Abtahi H. Investigating the luteinizing hormone (LH) receptor isoforms and it's relation to apoptosis in hippocampus of castrated rats, Iran University of Medical Sciences, 2008-2011.
 6. Sabetian S. Identification of Suitable biochemical markers for spermatogenesis in seminal plasma of azoospermic men, Azad University Tehran, Iran, 2007-2009.
 7. Zand Emami M. Comparison of CMA3 Positivity in Fertile and Oligoasthenoteratozoospermic Infertile Men Attended to Avicenna Infertility Clinic and Evaluation of Some Associated Genetic Factors, Faculty of Medicine, Medical sciences/Babol University, 2007-2009.
 8. Najarzadeh A. Ph.D Candidate Student. Effect of Ubiquinone Supplementation on semen quality, antioxidant enzymes, oxidative stress and sperm DNA fragmentation in infertile men with idiopathic oligoasthenoteratozoospermia referring to the Avicenna Infertility Clinic, Faculty of Medicine, Medical sciences/Iran University, 2008-2010.
 9. Naghibi J. Ph.D Candidate Student. The effect of root of Graveolens water extract on human sperm Cell Characterization and function invitro and determination of effective fraction. Faculty of Medicine, Medical sciences/Tehran University, 2006-2008.
 10. Aslani F. M.Sc Candidate Student. Identification of molecular markers of spermatogenesis in semen of non_ obstructive azoospermic men. Alzahra University, 2006-2008.
 11. Mirfeyzollahi A. M.Sc Candidate Student. Polymorphism of P and M isoenzymes of glutathione S_ transferase in infertile men attending Avicenna infertility clinic. Shahid Beheshti University, 2006-2008.
 12. Savadi Shirazi E. M.Sc Candidate Student. Sperms mRNA Contents & its relation with human sperms fertility & functional Parameters. Emam Hossein University, Tehran, Iran, 2005-2008.
 13. Hojjat M. M.Sc Candidate Student. Production and purification of anti-ubiquitin antibody for detection of defective spermatozoa in infertile male. Alzahre University, Tehran, Iran, 2003-2005.
 14. Safarpour E. PhD. Candidate Student. Production and culture of human embryonic stem cells for study of developmental effects of TGF- β and FGF, IGF factors. Azad University, Tehran, Iran, 2003-2005.
 15. Darvishnia H. M.Sc Candidate Student. Comparison the effect of two methods of

- cryopreservation including vitrification and Vapor of liquid Nitrogen on motility, DNA breaking and sperm spontaneous acrosomal reaction, Shahid Beheshti University, Tehran, Iran, 2004-2005.
16. Naseri N. M.Sc Candidate Student. Purification & separation of human Inhibin from follicular fluid & preparation Antibody against it. Shahid Beheshti Medical Sciences University, Tehran, Iran, 2004-2006.
 17. Modarresi T. M.Sc Candidate Student. Isolation and recognition of spermatogenic cells lineages from testis tissue, Teacher Training University, Tehran, Iran, 2004-2006.
 18. Lakpour N. M.Sc Candidate Student. The study of glutathione peroxidase IV Gene defects in men with oligoasthenozoospermia and its relationship to oxidative stress. Kermanshah Medical Science University, Kermanshah, Iran, 2005-2006.
 19. Hosaini S. M.Sc Candidate Student. Design of ELIZA Kit for measurement of pregnancy associated plasma protein-A. Azad University Tehran, Iran, 2001-2004.
 20. Mahmoodi S.A. M.Sc. Candidate Student. Identification sperm surface Antigen by monoclonal antibody. Azad University, Tehran, Iran, 2001-2003.
 21. Talebian A. M.Sc Candidate Student. ELIZA kit design for quantitative Measurement of Antibodies in serum and seminal fluid. Faculty of Medicine, Medical sciences/Tehran University, 2001-2002.

XVI- Research Interests:

Male Reproduction & Infertility

- Assisted Reproductive Techniques(ART)
- Molecular Mechanism of Sperm-Oocyte Interaction
- Molecular Mechanism of Male Infertility
- Sperm Surface Antigens
- Spermatogenesis
- Sperm Maturation
- Gamete Cryopreservation