

CURRICULUM VITAE

Name: **Mohammad-Mehdi Akhondi**
Associate Professor in Developmental Biology (Embryology)

Sex: Male

Date of Birth: March 28, 1956

Place of Birth: Tehran

Marital Status: Married

Number of Children: 3

Citizenship: Iran

Address: 1: Avicenna Research Institute-Shahid Beheshti University-
Chamran Highway –Tehran- Iran
2: Avicenna Infertility Clinic, No.329, Shahid Bahonar
(Niavaran) St., Tehran, Iran.

Tel. No: 1:0098(21) 22432020-Fax: 0098(21)22432021
2: 0098(21)22835020-Fax: 0098(21)22835021

E-Mail: Akhondi@Avicenna.ac.ir
M_Akhondi@yahoo.com

I-Position:

- Chairman of Avicenna Research Institute Including:
Reproductive Biotechnology Research Center,
Monoclonal Antibody Research Center,
Nanobiotechnology Research Center and
Avicenna Infertility Clinic, Tehran, Iran.

II-Education:

1991-1995	Ph.D. in Developmental Biology (Embryology), Department of Molecular Biology, Biotechnology and Obstetrics & Gynecology, University of Sheffield, Sheffield, UK.
1986-1989	M.Sc in Medical Mycology, Tarbiat Modarres University, Tehran, Iran.
1981-1984	B.Sc. in Laboratory Sciences, Iran University of Medical Sciences, Tehran, Iran

III-Licensure & Certification:

1. Member of scientific committee in 16th National & First International Congress of Iranian Society for Reproductive Medicine. Shiraz. Iran. Mar 2010.
2. Lecture presentation in the 16th National & 1st International Congress on Reproductive Medicine. Shiraz. Iran. Mar 2010.
3. Member of scientific committee in the “Fertility Preservation Congress”. Tehran. Iran. Jan 13-14, 2010.
4. Participation in the Sixteenth (ordinary) Session of UNESCO International Bioethics Committee (IBC). Mexico City. Mexico. Nov 23-25 2009.
5. Member of scientific committee and lecturer in 8th International Congress on Obstetrics and Gynecology. Tehran. Iran. Nov 2009.
6. Certificate of attendance in the “Third Asia-Pacific Forum on Andrology (3APFA)”. Nanjing, China. Oct. 10-13, 2009.
7. Attendance in the 25th Annual Meeting of ESHRE. Amsterdam. Netherlands. 28 June-1July. 2009.
8. Member of scientific committee in 3rd Yazd International Congress and Student Award in Reproductive Medicine. Yazd. Iran. Apr 2009.
9. Member of scientific committee and directory board in 10th Asian Bioethics Conference & 4th UNESCO Asia-Pacific School of Ethics Roundtable. Tehran. Iran. Apr 2009.
10. Referee in the 3rd Yazd International Student Award and Congress in Reproductive Medicine. Yazd. Iran. Apr 2009.
11. Member of scientific committee in 15th Congress of Iranian Society for Reproductive Medicine. Yazd. Iran. Feb 2009.
12. Lecturer and member of scientific committee in the “Infertility and Insurance” seminar. Tehran. Iran Jan 2009.
13. Participation and lecture presentation in the symposium on Psychological Aspects of Infertility. Avicenna Research Institute. Dec 2008.
14. Member of scientific committee and lecturer in the 1st National Congress on Endometriosis. Tehran. Iran. 12-13 Nov, 2008.
15. Attendance in the Conjoint Annual Meeting of MEFS & STGO. Hammamat, Tunisia. Oct 2008.
16. Participation in the Royan International Twin Congress: 9th Congress on Reproductive Biomedicine and 4th Congress on Stem Cell Biology and Technology. Tehran. Iran. Aug 2008.
17. Lecture presentation and participation in “The Second International Congress of Medical Ethics in Iran”. Tehran. Iran. Apr 2008.
18. Participation and presentation in the conference on “Controversies in ART (Multiple pregnancies)”. Tehran. Iran. Feb 2008.
19. Member of scientific committee & lecturer at 14th Congress of Iranian Society for Reproductive Medicine. Yazd. Iran. Feb 2008.

20. Participation at the program on “Reproduction and Male Infertility”. Avicenna Research Institute. Tehran. Iran. Jan 2008.
21. Participation and lecture presentation in Prenatology Workshop. Avicenna Research Institute. Tehran. Iran. Jan 2008.
22. Participation & lecture presentation at the Symposium of Medical Ethics in Embryo Donation. Royan Institute. Tehran. Iran. Jan 2008.
23. Participation & lecture presentation at the conference of Health Evaluation in Gamete & Embryo Donation. Avicenna Research Institute. Tehran. Iran. Dec 2007.
24. Scientific secretary and lecturer in the workshop on the “New View Point of Health Policy Makers Toward Abortion”. Avicenna Research Institute. Tehran. Iran. Dec 2007.
25. Member of scientific committee in 7th International Congress on Obstetrics and Gynecology. Tehran. Iran. Nov 2007.
26. Scientific secretary and lecturer of the workshop entitled” Medical, Legal & Ethical Aspects of Abortion”. Avicenna Research Institute. Tehran. Iran. Nov 2007.
27. Lecturer & member of scientific committee at Interdisciplinary Seminar on Surrogacy. Tehran. Iran. Oct. 2007.
28. Participation & lecture presentation in the workshop on “Confidentiality in Gamete & Embryo Donation”. Avicenna Infertility Clinic. Tehran. Iran. Oct 2007.
29. Participation & lecture presentation in the workshop on “The Sperm Preparation for ART”. Avicenna Research Institute. Tehran. Iran. Aug 2007.
30. Participation in the 23rd Annual Meeting of ESHRE. Lyon. France. Jul 2007.
31. Participation at monthly scientific conference of Reproductive Biotechnology Research Center. Tehran. Iran. Apr 2007- Mar 2008.
32. Participation in the Scientific Congresses of Monoclonal Antibody Research Center. Tehran. Iran. Apr 2007- Feb 2008.
33. Participation at “Recurrent Abortion Conference”. Avicenna Research Institute. Tehran. Iran. Mar 2007.
34. Member of scientific committee for 13th Congress of Iranian Society for Reproductive Medicine. Tehran. Iran. Feb (21-23), 2007.
35. Lecture and participation certificate for 13th Congress of Iranian Society for Reproductive Medicine. Iranian Society for Reproductive Medicine. Tehran. Iran. Feb 2007.
36. Member of scientific committee & Lecturer at the workshop entitled "Controversies in ART Failures". Avicenna Infertility Clinic. Tehran. Iran. Jan 2007.
37. Member of scientific committee & Lecturer at “Monoclonal Antibody Workshop”. Monoclonal Antibody Research Center. Avicenna Research Institute. Tehran. Iran. Dec 2006.
38. Participation & lecture presentation certificate for the workshop entitled "Laparoscopy in Infertility". Avicenna Infertility Clinic. Tehran. Iran. Dec 2006.

39. Member of scientific committee & Lecturer at “National Congress on AIDS”. Imam Khomeini Symposium. Shahid Beheshti University. Tehran. Iran. Nov 2006.
40. Lecture certificate for “Sperm Preparation Workshop”. Reproductive Biotechnology Research Center. Avicenna Research Institute. Tehran. Iran. Nov 2006.
41. Lecture presentation at “Avicenna Research Institute (ARI) Conferences”. Reproductive Biotechnology Research Center. Avicenna Research Institute. Tehran. Iran. Sep 2006- Mar 2007.
42. Participation certificate for “Royan International Twin Congress”. 7th Congress on Reproductive Biomedicine & 2nd Congress on Stem Cell Biology & Technology. Tehran. Iran. Sep 2006.
43. Participation at monthly scientific conferences of Biotechnology Research Center. Avicenna Research Institute. Tehran. Iran. Sep 2006- Mar 2007.
44. Participation at monthly scientific conferences of Monoclonal Antibody Research Center. Avicenna Research Institute. Tehran. Iran. Aug 2006- Feb 2007.
45. Participation and lecture presentation at the workshop entitled “Chlamydia and Reproduction”. Tehran. Iran. May 2006.
46. Lecture certificate for 12th Reproduction Congress. Razi Symposium. Tehran. Iran. Mar 2006.
47. Member of scientific committee at 12th Congress of Iranian Society for Reproductive Medicine. Tehran. Iran. Mar 2006.
48. Lecturer at “Sperm Preparation Workshop”. Avicenna Research Institute. Tehran. Iran. Mar 2006.
49. Lecturer and member of scientific committee for the Congress entitled “Gamete & Embryo Donation in Treatment of Infertility”. Tehran. Iran. Mar 2006.
50. Participation and lecture certificate for the symposium entitled “ART & Prenatology”. Avicenna Infertility Clinic. Tehran. Iran. Jan 2006.
51. Participation at ART Conference. Reproductive Biotechnology Research Center. Avicenna Research Institute. Tehran. Iran. Jul 2005- Mar 2006.
52. Member of scientific committee at the national congress entitled “AIDS from Prevention to Spurt”. Imam Ali Symposium. Tehran. Iran. Feb 2006.
53. Member of specialize committee at “11th Razi Medical & Research Festival”. Tehran. Iran. Dec 2005.
54. Participation and lecture certificate for “Laparoscopy Workshop”. Avicenna Infertility Clinic. Tehran. Iran. Dec 2005.
55. Participation and lecture certificate for “6th International Congress of Obstetrics and Gynecology”. Tehran. Iran. Nov 2005.
56. Poster presentation at international workshop entitled: “Molecular Andrology. Testicular Pathology. Androgen Action, Sperm Function”. Altes Schloss Giessen. Germany. Oct 2005.
57. Participation at the workshop entitled “Scientific Writing”. Avicenna Research Institute. Tehran. Iran. Oct 2005.

58. Participation at "END NOTE Workshop". Avicenna Research Institute. Tehran. Iran. Jul 2005.
59. Participation at "21st Annual Meeting of ESHRE". Copenhagen. Denmark. Jun 2005.
60. Member of scientific committee at the "International Congress on Bioethics (UNESCO)". Tehran. Iran. Mar 2005.
61. Participation at IUI Workshop. Avicenna Infertility Clinic. Tehran. Iran. Mar 2005.
62. Participation at the workshop entitled "Gene Delivery Systems". Tehran. Iran. Mar 2005.
63. Member of scientific committee and participation at the seminar entitled "Sexual Health in Reproductive Health". Tehran. Iran. Feb 2005.
64. Participation at the workshop entitled "The recent in Reproduction & Infertility". Avicenna Infertility Clinic. Tehran. Iran. Jan 2005.
65. Member of scientific committee for the congress entitled "Ethic in Research". Cancer Research Center. Tehran University of Medical Sciences. Tehran. Iran. Dec 2004.
66. Participation and lecture presentation at the congress entitled "Assessment the managing process of embryo donation & its transferring". Shaheed Beshti University of Medical Sciences. Tehran. Iran. Jul 2004.
67. Lecture presentation & participation at Continuous Medical Education Program. Tehran University of Medical Sciences. Iran. May 2004.
68. Lecturer in the 2nd congress of Iranian Society Fertility & Sterility. Tehran. Iran. Jun 2004.
69. Participation at 1st congress of Islamic Countries Organization of Forensic Medicine. Legal Medicine Organization Islamic Republic of Iran. Jun 2004.
70. Member of jury committee for Biomedical Journal. The Pasteur Institute of Iran. Tehran. Jun 2004.
71. Participation at scientific program of the 20th Annual Meeting of the ESHRE (European Society of Human Reproduction and Embryology). Berlin. Germany. Jun 2004.
72. Participant and lecturer at 2nd Annual Scientific Symposium of Iranian Society of Specialists on Reproduction and Infertility. Tehran. Iran. Jun 2004.
73. Participation at the workshop entitled "Approach to Viral Infections in Pregnancy ". Avicenna Research Institute. Teheran. Iran. Feb 2004.
74. Participation & lecture presentation at "9th Specialized Seminar on Immunological Aspects of Fertility and Infertility". Isfahan. Iran. Jan 2004.
75. Successful completion of a theoretical and practical laboratory training entitled "ART Workshop". Avicenna Infertility Clinic. Tehran. Iran. Jan 2004.
76. Certificate of attendance for Embryonic Stem Cell Workshop. Royan International Research Award's Scientific Congress. Tehran. Iran. Sep 2003.

77. Lecture certificate for "4th Royan International Research Award's Scientific Congress". Tehran. Iran. Sep 2003.
78. Member of jury committee for Journal of Mazandaran University of Medical Sciences. Sep 2003.
79. Member of jury committee for Medical Journal of Reproduction and Infertility. Avicenna Research Institute. Tehran. Iran. Aug 2003.
80. Participation at 19th Annual Meeting of ESHRE Congress. Madrid. Spain. Jul 2003.
81. Participation at 4th World Congress on Controversies in Obstetrics, Gynecology & Infertility. Berlin. Germany. Apr 2003.
82. Member of scientific committee & lecturer at 8th Specialized Seminar for Comprehensive Study on the Aspects of Abortion in Iran. Kermanshah. Iran. Feb 2003.
83. Lecturer at Reproductive Health Congress. Imam Khomeini Hospital. Feb 2003.
84. Member of scientific committee at 10th Congress of Iranian Society for Reproductive Medicine. Tehran. Iran. 2003.
85. Participation at the 1st Iranian congress of "From Bed to Bench" in Gastroenterology & Hepatology. Milad Hospital congress halls. Dec 2002.
86. Lecturer at monthly conference of Iranian Urological Association (IUA). Hashemi Nejad Hospital. Oct 2002.
87. Participation certificate for the workshop entitled "Opportunities for Research Support and International Resource Mobilization". Tehran. Iran. Jan 2002.
88. Member of directory board at "7th Biannual Congress of Obstetrics & Gynecology". Imam Khomeini Hospital. Tehran. Iran. Feb 2002.
89. Member of scientific committee at "7th Specialized Seminar on Environmental Factors and Infertility". Faculty of Social Welfare & Rehabilitation. Shaheed Beheshti University of Medical Sciences. Tehran. Iran. Jan 2002.
90. Member of ART lab. 1st International & 9th National Congress on Fertility & Infertility. Yazd. Iran. Nov 2001.
91. Certificate of attendance for 17th Annual Meeting of ESHRE. Lausanne. Switzerland. Jun 2001.
92. Participation certificate for Symposium entitled "Psychological Aspects of Infertility". Faculty of Psychology & Education. Tehran University. Tehran. Iran. May 2001.
93. Lecture certificate for Symposium entitled "Genetics & Reproductive Biotechnology". Jun 2000.
94. Participation at the ESHRE Campus Workshop ART in the year 2000. Hamburg. Germany. Mar 2000.
95. Lecture presentation at "4th Specialized Symposium on Reproductive Endocrinology and Infertility". Iranian Blood Transfusion Organization. Tehran. Iran. Feb 2000.

96. Participation & lecture certificate for the “1st Specialized Symposium on Legal Aspects of Egg and Embryo Donation”. Faculty of Law & Political Science. Tehran University. Tehran. Iran. Feb 1999.
97. Participation & lecture certificate for “2nd Specialized Symposium on Immunological Factors in Recurrent Spontaneous Abortion”. Faculty of Social Welfare & Rehabilitation. Shaheed Beheshti University of Medical Sciences. Tehran. Iran. Jan 1999.
98. Member of scientific & executive committee. “2nd Seminar and 4th Workshop on Treatment of Infertility”. Royan Institute. Tehran. Iran. Mar 1998.

IV- Honors & Distinctions:

- 2007 * Eminent research manager. 7th Research & Technology Festival. Tehran. Iran
- 2006 * Elected member of Academic Center for Education, Culture & Research (ACECR).
- 2002 * Eminent researcher at the third celebration of high degree Researchers. Tarbiat Modares University (T.M.U). Tehran. Iran
- 1995 * New Investigator, American Society of Andrology

V-Experiences:

A. Research Activities:

1. Finished Projects:

- Sadeghi M, **Akhondi M.A**, Talebian A, Jeddi Tehrani M, Hojjat M, Ghods R, Kouranloo R. *Design an Immuno Fluorescent Method for Detection an apoptotic Spermatozoa*. Deputy for Research. Academic Center for Education, Culture & Research (ACECR). Iran, (2005-2006).
- Behjati Ardakani Z, Abbasi Shavazi M.J, **Akhondi M.A**, Razeghi H. B. *Demographic – Social aspect of infertility: Case study in Tehran*. Avicenna Research Institute. Tehran. Iran, (2005-2006).
- Heidari M, **Akhondi M.A**, Sadeghi M, Ghaffari Novin M, Mousavi A, Pesian, Taghi Zadeh, Ghazi Khansari, Jamshidi, Parto Azar. *Evaluation anti fertility effect of crude extract of Centella asiatica on female rat*. Deputy for Research. Academic Center for Education, Culture & Research (ACECR). Iran, (2004-2007).
- **Akhondi M.A**, Milanifar A, Behjati Ardakani Z, Sadeghi M, Modabberi Y, Ghaffari Novin M. *The consent forms of treatment*,

surgery, interventional techniques (ICSI/IVF), voluntary termination of treatment. Avicenna Research Institute. Tehran. Iran, (2004-2006).

- Sadeghi M, Jeddi Tehrani M, **Akhondi M.A**, Talebian A, Naseri N, Ghods R, Heidari M, Bayat A.A, Kouranloo R. *Designing of an ELIZA method for quantitative measurement of inhibin B.* Deputy for Research. Academic Center for Education, Culture & Research (ACECR). Iran, (2004-2006).
- Malek Afzali H, **Akhondi M.A** and et al. *Financial resources of HRS(A study of national health research systems in selected countries of the WHO Eastern Mediterranean Region- Egypt, Islamic Republic of Iran, Morocco, Pakistan and Sudan.* WHO, Regional Office for the Eastern Mediterranean Office, 2004.
- Merghati T, **Akhondi M.A**, Milanifar A, Behjati Ardakani Z. *Examination of jurisprudential percepts & legal effects of assisted reproductive technologies in human reproduction.* Avicenna Research Institute. Tehran. Iran, 2004.
- **Akhondi M.A.** *Frequency of Celiac disease in Patients with Unexplained Infertility in Avicenna Infertility Clinic.* Tehran. Iran, 2004.
- **Akhondi M.A**, Akbarzadeh Najar R, Salehkhoh Sh, Eyni L. *Induction of spermatogenesis arrest in rats.* Deputy for Research. Academic Center for Education, Culture & Research (ACECR). Iran, (2003-2006).
- **Akhondi M.A**, Talebian A, Bolour Zadeh M. *Crypreservation of Spermatozoa and Assessing of its Different media and methods.* Avicenna Research Institute. Tehran. Iran, (2003-2006).
- Arefi S, **Akhondi M.A**, Jeddi Tehran M, Ghaffari Novin M, Heidari M. *Evaluation of role and frequency of antizona antibody in unexplained fertility and role of delay ICSI.* Deputy for Research. Academic Center for Education, Culture & Research (ACECR). Iran, (2003-2005).
- Arefi S, Sadeghi M, Jeddi Tehrani M, **Akhondi M.A**, Talebian A, Mousavi A. *Evaluation of frequency of anti sperm antibody in follicular fluid in infertile women attending infertility clinics.* Deputy for Research. Academic Center for Education, Culture & Research (ACECR). Iran, (2003-2005).
- Shabestari O, **Akhondi M.A**, Sadeghi M, Jeddi Tehrani M, Sadri Ardekani H, Ordoubadi, Farahani Rad Sh. *M.I.S solution for Infertility Treatment Center.* Management & Planning Organization. Iran, 2003.
- Hashem Zadeh M, **Akhondi M.A**, Zeinali S and et al. *Preimplantation genetic diagnosis (PGD).* Deputy for Research. Tehran University of Medical Sciences. Tehran. Iran, 2003.
- Zali A, **Akhondi M.A**, Jeddi Tehrani M, Nouri, Mehmazi S. *Genetic polymorphism of CYP2C19 gene among Nahavand population.* Research Center for Gastroenterology & live Diseases. Shaheed Beheshti University of Medical Sciences & Health Services. Tehran. Iran, 2003.
- **Akhondi M.A**, Sadeghi M, Jeddi Tehrani M, Shokri F, Ghaffari Novin M, Heidari M, Bayat A. A, Kouranloo R. *Evaluation and determination of human sperm antigens in fertilization process.* Deputy for Research.

Academic Center for Education. Culture & Research (ACECR). Iran, (2002-2006).

- **Akhondi M.A**, Shabestari O, Sadri Ardekani H, Sadeghi M, Jeddi Tehrani M, Arefi S, Amir Jannati N, Mohammad Zadeh A, Farahanirad Sh, Abdollahian E. *Management of Information data center*. Avicenna Research Institute. Tehran. Iran, (2002-2005).
- Ghaffari Novin M, **Akhondi M.A**, Sadeghi M, Heidari M, Bayat A.A. *Invasion study of human embryo in Vitro*. Deputy for Research. Academic Center for Education, Culture & Research (ACECR). Iran, (2002-2004).
- Malek Afzali H, **Akhondi M.A**, Akhondzadeh S and et al. *Systematic analysis on Health Research System in the Islamic Republic of Iran*. Department of Research & Technology. Ministry of Health & Medical Education. Iran. (2002-2003).
- Sadri Ardekani H, **Akhondi M.A**, Ghaffari Novin M, Chamani L, Arefi S, Heidari M, Kouranloo R. *Investigation of effect of environmental factors on fertility from staff 's point of view working on infertility field in Iran*. Avicenna Research Institute. Tehran. Iran, 2002
- Modarresi M, **Akhondi M.A**, Jeddi Tehrani M, Saleh Khou Sh, Eyni L. *Production of GM –CSF (Gronulocyte macrophage colony – stimulating factor) in milk of transgenic goats*. Management & Planning Organization & Ministry of Health, Treatment and Medical Education. Iran, (20001-2006).
- **Akhondi M.A**, Sadeghi M, Jeddi Tehrani M, Shokri F, Ghaffari Novin M, Heidari M, Bayat A.A, Kouranloo R. *A panel of monoclonal Antibodies against Antigens of Human spermatozoa*. National Research Center for Medical Sciences. Iran, (2001-2005).
- Sadeghi M, **Akhondi M.A**, Ghaffari Novin M, Shokri F, Talebian A, Heidari M, Bayat A.A, Koranloo R. *Designing of ELISA kit for measurement of pregnancy associated Plasma Protein–A (PAPP-A)*. National Research Center for Medical Sciences. Iran, (2001-2004).
- Karami Nouri R, **Akhondi M.A**, Behjati Ardakani Z, Raygan N, Mirzaee M. *A study of psycho aspects of infertility in Iran*. Deputy for Research. Academic Center for Education, Culture & Research (ACECR). Iran, (2001-2004).
- Karami Nouri R., **Akhondi M.A**. and Behjati Ardakani Z. *Psychological aspects of infertility from viewpoint of infertility treating physicians*. Avicenna Research Institute. Tehran. Iran. (2001-2002).
- Jeddi Tehrani M, **Akhondi M.A**, Sadeghi M, Baba Shamsi M, Mohammadi S, Bayat A.A, Ghods R, Eskandari Sh. *Production and purification of hormonal & non-hormonal diagnostic kit raw materials*. Management & Planning Organization. Iran, (2000-2006).
- Baba Shamsi M, **Akhondi M.A**, Jeddi Tehrani M, Sadeghi M, Nejad Moghaddam M, Nayyer Nia, Niakan M, Shahbaz Zadeh, Mohammadi S, Bayat A.A, Eskandari Sh. *Synthesis, extraction and purification of drugs streptokinase Pancreatine*. Management & Planning Organization. Iran, (2000-2005).
- **Akhondi M.A**, Milanifar A, Behjati Ardakani Z. *Examination of jurisprudential and legal aspects of ovum and embryo transfer and*

donation in IVF centers of Tehran province. Management & Planning Organization. Iran, (2000-2004).

- **Akhondi M.A**, Ghaffari Novin M, Heidari M. *Ultra structural study of process of human embryo implantation in Vitro using polarized endometrial cells.* Deputy for Research. Ministry of Health, Treatment and Medical Education. Iran, (1999-2002).
- Ghaffari Novin M, **Akhondi M.A**, Heidari M. *Study of the development of human embryo on fallopian tube polarized cell culture.* Deputy for Research. Ministry of Health, Treatment and Medical Education. Iran, (1999-2002).
- **Akhondi M.A**, Jamali M, Seddigh Gilani, Hoseini J. *Comparative study between the two histological (TESE) and pathological (T.Bx.) Methods to evaluate the presence of spermatozoa in men with non-obstructive azoospermia.* Deputy for Research. Ministry of Health, Treatment and Medical Education. Iran, (1999-2001).

2. Current Projects:

- **Akhondi M.A**, Vosough P, Sadri-Ardekani H, Fazli-Khalaf Z, Jannati N, Sadeghi M.R, Jadda H, Motevally-Zadeh A. *The Study on parental desire and acceptability of spermatogonial stem cell cryopreservation in boys with caner.* Avicenna Research Institute & MAHAK Institute. Tehran. Iran, 2008.
- Behjati Ardakani Z, Ghorbani B, **Akhondi M.A**, Fazli Khalaf Z, Modabberi Saber Y, Milanifar A. *Evaluation of psychological health of infertile couples referring to Avicenna Infertility Clinic in 2007.* Avicenna Research Institute. Tehran. Iran, 2007.
- Behjati Ardakani Z, Fazli Khalaf Z, **Akhondi M.A**, Ghorbani B, Modabberi Saber Y. *Marital satisfaction of infertile couples.* Avicenna Research Institute. Tehran. Iran, 2007.
- **Akhondi M.A**, Bagheri Pour A, Behjati Ardakani Z. *Investigation of interactive role of body image and fertility status on Tehran male psycho-social development in men.* Avicenna Research Institute. Tehran. Iran, 2007.
- **Akhondi M.A**, Hoseini Jadda S.H, Sadeghi M.R, Razzaghi F, Arefi S, Mohammadzadeh A. *Comparison of nitric oxide and slow freezing in embryo freezing outcome.* Avicenna Research Institute. 2007
- Mohammadzadeh A, Amir Jannati N, Arefi S, Zonoobi M, Sadri Ardekani H, Ghaffari M, Sadeghi M.R, **Akhondi M.A**, Hoseini Jadda S.H. *Evaluation of the impressive factors in the results of IUI.* Avicenna Research Institute. 2007
- Ghaffari Novin M, **Akhondi M.A**, Sadeghi M.R, Arefi S, Mohammadzadeh A, Zonoobi M, Moeini M, Hosseini Jadda S.H. *The*

impact of assisted hatching on ART outcome. Avicenna Research Institute. 2007

- Ghaffari Novin M, **Akhondi M.A**, Sadeghi M.R, Arefi S, Mohammadzadeh A, Zoonobi M, Moeini M. *Study of zona pellucida thickness, volume and area of oocyte in women with female factor and their effect on ART outcome.* Avicenna Research Institute. 2007
- Rasekh M, Behjati Ardakani Z, **Akhondi M.A**, Jeddi Tehrani M, Sadeghi M.R, Milanifar A, Merghati T, Modabberi Y, Ayati M.R, Araghi E, Joneidi L, Razeghi H.B. *A theoretical and comparative study of the embryo donation system (Medical, Legal, Ethical, Sociological and Psychological).* Avicenna Research Institute. Tehran. Iran.
- **Akhondi M.A**, Eley A, Pacy A, Kokab A, Sadeghi M, Amir Jannati N, Ghaffari Novin M, Modarresi M. *Chlamydia Trachomatis and male infertility in Tehran.* Sheffield University (U.K). Avicenna Research Institute & Ministry of Health, Treatment and Medical Education. Iran, 2006.
- Sadeghi M, **Akhondi M.A**, Ghaffari Novin M, Hojjat M, Mobaraki M, Savadi Shirazi E, Sadri Ardakani H, Amir Jannati N, Zeraati H. *Study the relationship between sperm function test and outcome of assisted reproductive techniques in couples attending Avicenna Research Institute.* Deputy for Research. Academic Center for Education, Culture & Research (ACECR). Iran, 2006.
- Chamani L, Rashidi B, Bonakdar Hashemi, Soltan Ghorae H, **Akhondi M.A**, Asgari S, Haghollahi F, Asgar Pour L, Pour Akbari B, Rahimi, Ramazan Zadeh, Shariyat M, Jeddi Tehrani M, Asgari M. *Estimation prevalence of Chlamydia trachomatis infection in fertile and infertile women, by PCR & ELISA.* Vali ye Asr Infertility Center & Avicenna Research Institute. Tehran, 2006.
- Chamani L, Rashidi B, Hashemi, Jeddi Tehrani M, **Akhondi M.A**, Soltan Ghorae H, Asgari S, Haghollahi F, Asgar Pour L, Pour Akbari B, Rahimi, Ramazan Zadeh, Shariyat M, Jeddi Tehrani M, Asgari M *Estimating prevalence of Nisseria Gonorrhoea infection and infertile women, by PCR & ELISA.* Vali ye Asr Infertility Center & Avicenna Research Institute. Tehran, 2006.
- Amir Jannati N, Sadeghi M, Hodjat M, **Akhondi M.A**, Ghaffari Novin M, Zeraati H, Sadri Ardakani H, Soltan Ghorae H, Mobaraki M, Savadi Shirazi E. *Effect of folic acid and zinc sulfate supplementation on sperm function tests in infertile male.* Deputy for Research. Academic Center for Education, Culture & Research (ACECR). Iran, 2006.
- Madarresi M, Soltan Ghorae H, Sadeghi M, Amir Jannati N, Aarabi M, Zarnani A, Jeddi Tehrani M, **Akhondi M.A**, Ghaffari Novin M. *ODF2 protein in sperm tail of fertile and infertile men with sperm motility and quantitative abnormalities.* Deputy for Research. Academic Center for Education, Culture & Research (ACECR). Iran, 2006.
- **Akhondi M.A**, Modarresi M.H, Sadeghi M. R, Jeddi Tehrani M, Sadri Ardekani H, Mohammadzadeh A, Arefi S, Amir Jannati N, Ghaffari Novin M, Behjati R, Chamani L, Soltangharae H, Ghasemi J. *Infertile Patients DNA Banking.* Iranian Molecular Medicine Network. Iran, 2005.

- Modarresi M, Arabi M, Amir Jannati N, **Akhondi M.A**, Sadeghi M, Ghaffari Novin M, Soltan Ghoraee H, Ghasemi J, Aarabi M. *Evaluation of mutation of SYCP3 gene in azoospermic patients*. Iranian Molecular Medicine Network & Avicenna Research Institute. Iran, 2005.
- Eley A, Jeddi Tehrani M, Chamani Tabriz L, **Akhondi M.A**, Modarresi M, Ghaffari Novin M, Sadeghi M, Zeraati H, Sadri Ardekani H, Kokab A, Meidani M. *Prevalence of Chlamydia Trachomatis and DNA Polymorphism in asymptomatic men population from Tehran*. Sheffield University (U.K) & Avicenna Research Institute (Iran), 2005.
- Sadeghi M, **Akhondi M.A**, Ghaffari Novin M, Shams Lahijani M, Darvish Nia H, Talebian A, Amir Jannati N, Mobaraki M. *The comparison between two method of cryopreservation, vitrification and vapour phase on motility, DNA fragmentation and autonomous, acrosome reaction of human spermatozoa*. Avicenna Research Institute. Iran, 2005.
- Zarnani A, Jeddi Tehrani M, Chaman Khah M, **Akhondi M.A**, Ghaffari Novin M, Heidari M, Ghods R, Bayat A.A. *Application of nanoparticle quantum dots in the early diagnosis of two most common ovarian and breast cancers in Iran*. Nano secretariat. Ministry of Health & Medical Education. Iran, 2005.
- Modarresi M, Jeddi Tehrani M, **Akhondi M.A**, Sadeghi M, Shokri F, Zarnani A, Bayat A.A, Eyni L, Ahamadi P. *Monoclonal antibody against mouse testicular germ cells*. Deputy for Research. Academic Center for Education, Culture & Research (ACECR). Iran, 2005.
- Sadeghi M, Jahanfar Sh, Modarresi M, **Akhondi M.A**, Maleki H, Shabestari O, Eslami Far M. *Twin Registry System in Iran*. Iranian Molecular Medicine Network. Iran, 2004.
- Behjati Ardakani Z, Shabestari O, **Akhondi M.A**. *Donation Bank Total Solution*. Management & Planning Organization. Iran, 2003.
- Jeddi Tehrani M, **Akhondi M.A**, Sadeghi M, Sabour Yaraghi, Baba Shamsi M, Shokri F, Ghods R, Heidari M, Bayat A, Koranloo R, Faghan Motlagh Z. *Elisa Kit production for identification of Ferritin, Prolactin and PSA*. Medical Biotechnology Network of Iran, 2002.
- Jeddi Tehrani M, Shokri F, Rabbani H, **Akhondi M.A**, Sadeghi M, Chaman Khah M, Zarnani A, Ghods R, Bayat A.A, Ostad Karam Pour M, Hadavi R, Afsari F, Khak Pour J, Mahmoudi A, Babae M, Balay Goloi L. *Specific immunotherapy of B cell malignancies*. Cancer Center Karolinska (Sweden) & Avicenna Research Institute (Iran), 2002.
- **Akhondi M.A**, Milanifar A, Behjati Ardakani Z, Sadeghi M, Modabberi Y, Ghaffari Novin M. *The consent forms in ART (Assisted Reproduction Techniques)*.
- Jeddi Tehrani M, **Akhondi M.A**, Sadeghi M. *Generation of blood adult stem cells and production of specific monoclonal antibodies against their surface markers*.
- Sadeghi M, Modarresi M, **Akhondi M.A**, Amir Jannati N, Ghaffari Novin M, Sadri Ardekani H, Lak Pour N, Ghasemi J, Mobaraki M, Memariani T. *Analyzing defects in Phospholipid Hydroperoxide Glutathione Peroxidas Gene and the relevant relationship with*

spermogram parameters as well as the oxidative stress status and sperm functional tests in oligoasthenotozoospermic men.

- **Akhondi M.A**, Sadeghi M, Amir Jannati, Akbar Zadeh Najjar R. *Transplantation of mice germ cells to testicular cells of Azospermic mature mice.*

B. Clinical Activities:

- Project administrator for producing documentary entitled "Gamete & Embryo Donation Conference". Avicenna Research Institute. Tehran. Iran. 2007
- Project administrator for producing movie entitled "Gamete & Embryo Donation". Avicenna Research Institute. Tehran. Iran. 2007
- Project administrator for producing documentary entitled: "Laparoscopy in Infertility". Avicenna Research Institute. Tehran. Iran. 2006
- Establishment (Set Up) Embryology & Stem Cell Laboratory. Reproductive Biotechnology Research Center. Avicenna Research Institute. Iran, 2005
- Establishment (Set Up) Embryology Laboratory. Avicenna Infertility Clinic. Iran, 2003
- Design, formation & establishment of Avicenna Infertility Clinic. Iran, (2000-2003).
- Project administrator for producing documentary entitled "Comprehensive Study on the Aspects of Abortion in Iran". Avicenna Research Institute. Tehran. Iran. (2002-2004)
- Establishment (Set Up) Hormone Diagnostic Laboratory. Royan Institute. Iran, 1998.
- Establishment (Set Up) Animal Laboratory. Avicenna Research Institute. Iran. 1998
- Establishment (Set Up) Spermatid Injection for Obstructed Azoospermia patient. Royan Institute. Iran, 1996
- Establishment (set up) TESE (Sperm Extraction Technique for ICSI in Azoospermia patients). Royan Institute. Iran, 1996.
- Embryology Laboratory: IUI, IVF, ICSI and Sperm & Embryo Freezing, Royan Institute. Iran, Since 1995.
- Embryology Laboratory: IUI, IVF and ICSI. Department of Obstetrics & Gynecology. Sheffield University. UK, (1993-5).
- Design & performance of GC (group collaboration) at embryology laboratory. Avicenna Infertility Clinic. Iran.
- GC NEQAS UK Andrology lab
- Andrology Laboratory; Computer Assisted Sperm Analysis (CASA), Sperm & Embryo Freezing, Sheffield University, Department of Obstetrics & Gynecology,(1992-5).

VI- Major Administrative Responsibilities:

- Chairman Manager. Avicenna Journal of Medical Biotechnology. Avicenna Research Institute. Since 2008

- Chairman, Interdisciplinary Seminar on Surrogacy. Tehran. Iran. 2007.
- Chairman, National Congress on AIDS. Tehran. Iran. 2006.
- Chairman, workshop on Laparoscopy in Treatment of Infertility. Avicenna Infertility Clinic. Tehran. Iran. 2006.
- Chairman, workshop on Controversies in ART Failures. Iran. Avicenna Infertility Clinic. Tehran. 2006.
- Chairman, 9th specialized seminar on Immunological Aspects of Fertility and Infertility. Isfahan. Iran. 2004.
- Chairman, 8th specialized seminar for Comprehensive Study on the Aspects of Abortion in Iran. 2003.
- Chairman, 7th specialized seminar on Environmental Factors and Infertility. 2002.
- Director of Bioethics committee in medical researches. Avicenna Research Institute. Tehran. Iran. Since 2001.
- Chairman, 6th specialized symposium on Psychological Aspects of Infertility. 2001.
- Chairman, 4th specialized symposium on Reproductive Endocrinology and Infertility. 2000.
- Director of Editorial Board. Medical Journal of Reproduction and Infertility. Avicenna Research Institute. Tehran. Iran. Since 1999.
- Chairman Manager. Medical Journal of Reproduction & Infertility. Avicenna Research Institute. Since 1999.
- Head, professional team of embryology, Avicenna Infertility Clinic, Tehran, Iran, Since 1999.
- Head and member of scientific board at Endocrinology, Reproductive Medicine and Embryology Research Department. Since 1999
- Chairman, 5th specialized symposium on Genetics and Biotechnology of Reproduction. 1999.
- Chairman, 2nd specialized symposium on Immunological Factors in Recurrent Spontaneous Abortion. 1999.
- Chairman, 1st specialized symposium on Legal Aspects of Egg and Embryo Donation. 1999.
- Director of short term educational course entitled "Techniques in Reproductive Biology". ACECR. 1999.
- Chairman & founder of Avicenna Research Institute Including: Reproductive Biotechnology Research Centre, Monoclonal Antibody Research Centre, Nanobiotechnology Research Centre and Avicenna Infertility Clinic. Tehran. Iran. Since 1998.
- Head of Reproductive Biotechnology Research Center. Avicenna Research Institute. Tehran. Iran. Since 1998.
- Director of scientific council at Avicenna Research Institute. Since 1998.
- Chairman, 3rd specialized symposium on Infection and Infertility. 1999.
- Head of Iranian Academic Center for Education, Culture and Research (ACECR). Shaheed Beheshti University of Medical Sciences (SBMU). Tehran. Iran. (1998-2003).
- Founder of Reproductive Biology & Infertility Research Group. ACECR (Iran University of Medical Sciences). Tehran. Iran. 1997.
- Head of Supervision & Development Council of ACECR (Central Office). Tehran. Iran. 1988.

- Head & Founder of Daneshpay Institute; (Institute of Medical Education Equipment). Iran University of Medical Sciences (IUMS). Tehran. Iran. (1987-1990).
- Director for Programming & Management Organization of ACECR (Central Office). 1987.
- Financial & Administrative in Charge. ACECR (Iran University of Medical Sciences). Tehran. Iran. 1986.
- Founder & Board of directory member in Academic Center for Education, Culture & Research (ACECR). Iran. (1980-1982).

VII- Professional Memberships:

1. Member of editorial board in the Bioethics and Biosafety Journal. Since 2009.
2. Member of specialized research group. Ministry of Health & Medical Education. Since 2009.
3. Member of council in Iran national center for genetics and bio resources. Since 2009.
4. Member of committee for compiling standards of human cells and tissues products. Ministry of Health & Medical Education. Since 2009.
5. Member of editorial board in the Avicenna Journal of Medical Biotechnology. Since 2008.
6. Member of research group on “1404 National Comprehensive Scientific Program”. Ministry of Health & Medical Education. Since 2008.
7. Member of planning council for infrastructure and general affairs of fourth development program (ACECR). Since 2008
8. Member of Programming & Guidance Council for Research and Technology (ACECR). Since 2006.
9. Member of ACECR Committee for 20 Years Horizon of the Country. Since 2006.
10. Member of higher education and researches assessment council. Supreme Council of Cultural Revolution. Since 2006.
11. Member of professional team of embryology. Avicenna Infertility Clinic. Since 1999
12. Member of scientific board at Endocrinology, Reproductive Medicine and Embryology Research Department. Since 1999
13. Member of medical committee at the Council of Scientific Researches of the country.
14. Member of National Bioethics Committee of Iranian International Commission for UNESCO. Since 2005.
15. Member of New Medical Technology Committee in Ministry of Health & Medical Education. 2004.
16. Member of National Bioethics Committee of UNESCO in Iran. Since 2003.
17. Member of Coordinating Council in Central Office (ACECR). Since 2003.
18. Board of trustee member in Yazd Higher Education Institute (ACECR). Since 2002.

19. Board of trustee member in Ahvaz Higher Education Institute (ACECR). Since 2002.
20. Membership at the Board of Supervision and Assessment of Cultural and Scientific Affairs. Supreme Council of Cultural Revolution. Tehran. Iran. 2002.
21. Member of ESHRE (European Society for Human Reproduction & Embryology). Since 2001.
22. Member of Bioethics Committee in Medical Researches. Avicenna Research Institute. Since 2001.
23. Member of Supervision & Development Council of Research Organs. ACECR (central office). Tehran. Iran. (2001-2003).
24. Member of Cultural Council. Shaheed Beheshti University of Medical Sciences. Tehran. Iran. (2000-2002).
25. Member of Council for Educational Facilities. ACECR (central office). Tehran. Iran. (1999-2002).
26. The agent of Management & Planning Organization in Medical Committee of the country's Scientific Researches Council. 1999.
27. The agent of ACECR at Research & Generative Institute of Medical Diagnostic Reagents. 1998.
28. Member of Para Commission for Promotion. ACECR (Iran University of Medical Sciences). Tehran. 1999.
29. Founding Board member of ACECR (Academic Center for Education, Culture & Research).1986.
30. Member of ACECR council. Iran University of Medical Sciences. Tehran. Iran.1986.
31. Member of Supreme Council. ACECR (central office). Tehran. Iran. 1980.

VIII- Teaching Experience(s):

- 2000-2001 Cell culture & tissue course. MSc degree. Khatam Institute of Higher Education. Tehran
- 2002- 2003 Cell culture course. PhD degree. Tehran University of Medical Sciences. Tehran
- 2009 Medical issues concerning embryo donation. Justice Administration of Tehran

IX- Publications:

A. Book (s):

1. **Akhondi M.A**, Karimian I. *In Vitro Fertilization, Laboratory Procedure in Assisted Reproductive Technique (ART)*. Tehran: Majed Press, 1997.

B. Book Chapter:

1. **Akhondi M.A.** *Assessment the managing process of embryo donation & its transferring.* The Consideration of Challenges and Management of the Embryo Donation Law (Book chapter) 2005; 67-8
2. **Akhondi M.A.**, Sadeghi M.R. *The necessity of assisted reproductive technology (ART) in human reproduction.* Modern Human Reproductive Techniques from the View of Jurisprudence and Law (Book chapter) 2001; 18-39

C. Book Translation:

1. Brooks A. Keel. *Assisted Reproduction Laboratory*, trans. Arefi S, **Akhondi M.A**, Amir Jannati N, Heidari M, Sadeghi M.R, Sadri Ardekani H, Ghaffari Novin M, Mohammadzadeh A, Maleki H, Avicenna Research Institute, 2005.

D. Domestic Journals:

- 1 Memariani T, Salimi Nejad K, Kamali K, Shervin A, Mohajer-Maghari B, **Akhondi M.A**, Khorram Khorshid H.R. *Association of vascular endothelial growth factor (VEGF) + 405 G>C polymorphism with endometriosis in an Iranian population.* Journal of Reproduction and Infertility April/June 2010; 11(1): 33-7.
- 2 Sabetian S, Ardekani A.M, Hodjat M, **Akhondi M.A**, Soltanghoraee H, Amirjannati N, Lakpour N, Sadeghi M.R. Comparing seminal plasma biomarkers between normospermic and azoospermic men. Journal of Reproduction and Infertility April/June 2010; 11(1): 39-46.
- 3 Shojaeian S, Zarnani A.H, Jeddi-Tehrani M, Fereidooni F, Torkabadi E, **Akhondi M.A**, Tabatabaei-Panah A.S, Allameh A. *Heterologous Immunization, a Way out of the Problem of Monoclonal Antibody Production against Carcinoma Antigen 125.* Iranian Journal of Immunology 2009 Dec; 6(4):174-85.
- 4 Vahidnezhad H, Youssefian L, Jeddi-Tehrani M, **Akhondi M.A**, Rabbani H, Shokri F, Tabrizi M. *Modeling breast acini in tissue culture for detection of malignant phenotype reversion to non-malignant phenotype.* Iranian Biomedical Journal 2009 Oct; 13(4):125-32.
- 5 Sadeghi M, Shabestari O, **Akhondi M.A**, Maleki H, Hamzeh-Zadeh H, Sadeghi E, Ebadi P, Ebrahimi Abed F, Zeraati H. Designing and founding of twin's data bank in Islamic Republic of Iran. Payesh Health Monitor (Journal of the Iranian Institute for Health Sciences Research-ACECR) 2009 spring; 8(2): 123-33.

- 6 Amirjanati N, Ghorbani B, **Akhondi M.A**, Sadeghi MR, Jeddi-Tehrani M, Soltanghoreae H. *Sexual and Hormonal Profiles of Infertile Subjects with Non-Obstructive Azoospermia*. Avicenna Journal of Medical Biotechnology. 2009; 10(1):42-50.
- 7 Hemmati S, Zarnani AH, Mahmoudi AR, Sadeghi M-R, Soltanghoreae H, Akhondi MM, Tarahomi M, Jeddi-Tehrani M, Rabbani H. *Ectopic Expression of Sortilin 1 (NTR-3) in Patients with Ovarian Carcinoma*. Avicenna Journal of Medical Biotechnology. 2009;1(2):125-31.
- 8 Barzegar Yarmohammadi L, Modarresi M.H, Talebi S, Hadavi R, Ostad Karampour M, Mahmoudi A.R, **Akhondi M.A**, Rabbani H, Jeddi-Tehrani M. *Producing recombinant mTEX101; a murine testis specific protein*. Journal of Reproduction and Infertility. 2009;10(3):193-9.
- 9 Hemmati Sh, Jeddi-Tehrani M, Torkabadi E, Ghasemi J, Kazemi-Sefat G, Danesh P, Barzegar Yarmohammadi L, **Akhondi M.A**, Zarnani A.H. *Indoleamine 2,3- dioxygenase (IDO) is expressed at feto-placental unit throughout mouse gestation: An immunohistochemical study*. Journal of Reproduction and Infertility. 2009;10(3):177-84.
- 10 Sadeghi M.R, Hodjat M., Lakpour N., Arefi S., Amirjannati N, Modarresi T, Hossaini-Jadda H, **Akhondi M.A**. *Effects of sperm chromatin integrity on fertilization rate and embryo quality following intracytoplasmic sperm injection*. Avicenna Journal of Medical Biotechnology 2009 fall; 1(3): 173-80.
- 11 Sadri-Ardekani H, Soltanghoreae H, Sadeghitabar A, **Akhondi M.A**, Chamani-Tabriz L, Zerati H, Kashi T. *Urine Indices before and after Semen Sampling*. Medical Journal of Reproduction & Infertility 2009 Summer; 10(2): 115-19.
- 12 Jeddi-Tehrani M, Shamsipour F., Zarnani A.H, Ghods R, Chamankhah M, Forouzesh F, Vafaei S, Bayat A.A, **Akhondi M.A**, Oghabian M.A. *Conjugation of monoclonal antibodies to super paramagnetic iron oxide nanoparticles for detection of her2/neu antigen on breast cancer cell lines*. Avicenna Journal of Medical Biotechnology (AJMB) 2009 Spring; 1(1):27-31.
- 13 Shokri F, Zarei S, Jeddi-Tehrani M, **Akhondi M.A**, Zeraati H, Pourheidari F, Ostadkarampour M, Tavangar B. *Primary immunization with a triple Diphtheria-Tetanus-whole cell Pertussis vaccine in Iranian infants: An analysis of antibody response(paper in English)*. Avicenna Journal of Medical Biotechnology (AJMB) 2009 Spring; 8(2): 85-93.
- 14 Aryanpur M, Heydari Gh, Tarahomi M, **Akhondi M.A**, Zeraati H, Masjedi M.R. *Prevalence of tobacco smoking among infertile couples in Tehran (paper in English)*. Medical Journal of Reproduction & Infertility 2009 winter; 9(4): 342-49.
- 15 Rashidi B, Chamani-Tabriz L, Haghollahi F, Jeddi-Tehrani M, Ramezanzadeh F, Rahimi-Forooshani A, Shariat M, **Akhondi M.A**, Daneshjoo F. *Prevalence of Neisseria gonorrhoea in fertile and infertile women in Tehran*. Medical Journal of Reproduction & Infertility 2009 winter; 9(4): 379-83.
- 16 Mirfeizollahi A., Farivar Sh, **Akhondi M.A**, Modarresi M.H, Hodjat M, Sadeghi M.R. *GSTM1 and GSTP1 polymorphisms and glutathione S-transferase activity: Iranian infertile men*. Tehran University Medical Journal Winter 2009; 66(12): 878-87.
- 17 Rashidi B, Chamani- Tabriz L, Haghollahi F, Ramezanzadeh F, Shariat M, Rahimi-Forooshani A, Daneshjoo F, **Akhondi M.A**, Asgari S. *Prevalence of Chlamydia trachomatis Infection in Fertile and Infertile Women; A Molecular*

- and Serological Study*. Medical Journal of Reproduction & Infertility Spring 2009; 10(1): 32-41
- 18 Farhud D.D, Lotfi A.S, Hashemzadeh Chaleshtori M., **Akhondi M.A**, Sadighi H. *Progress of education, research and services in medical genetics, in some institutions of Iran*. Iranian Journal of Public Health 2009; Suppl.(38):115-18
 - 19 Ardekani A.M, **Akhondi M.A**, Sadeghi M.R. *Application of genomic and proteomic technologies to early detection of cancer*. Archives of Iranian medicine. 2008 Jul; 11(4):427-34.
 - 20 Jafarian A, **Akhondi M.A**, Pezhan N, Sadeghi M.R, Zarnani A.H, Salehkhoush. *Stimulatory effects of estradiol and FSH on the restoration of spermatogenesis in azoospermic mice*. Medical Journal of Reproduction & Infertility 2008 winter; 317-24.
 - 21 Darvishnia H, Shams Lahijani M, **Akhondi M.A**, Mobaraki M, Sadeghi M.R. *The effects of cryopreservation by vitrification on motility, viability and spontaneous acrosome reaction of human spermatozoa*. Iranian Journal of Biology (IJB) 2008 autumn; 21(4): 618-29.
 - 22 Sadeghi M.R, Shokoufi Sh, **Akhondi M.A**, Hosseini-Jadda H. *The effect of endometriosis in ARTs (quality of ovum, embryo, fertilization and implantation)*. Medical Journal of Reproduction & Infertility 2008 autumn; 126-48.
 - 23 Hodjat M, **Akhondi M.A**, Lakpour N, Sadeghi M.R. *The use of Biomarkers in diagnosis of endometriosis*. Medical Journal of Reproduction & Infertility 2008 fall; 101-17.
 - 24 Bozorgmehr M, Jeddi-Tehrani M, Nikoo Sh, Shervin A, Tavakoli M, Ebtekar M, Arefi S, **Akhondi M.A**, Zarnani A.H. *Immunology of endometriosis*. Medical Journal of Reproduction & Infertility 2008 Fall; 7-30.
 - 25 Hodjat M, Talebian A, **Akhondi M.A**, Zeraati H, Shabani A, Sadeghi M.R. *Sperm ubiquitination correlation with human semen quality*. Iranian Journal of Public Health; 37(2): 32-40.
 - 26 Behjati Ardakani Z, **Akhondi M.A**, Yaghmaie F, Milanifar A.R. *Counseling and assessment in surrogacy*. Interdisciplinary Seminar on Surrogacy. Medical Journal of Reproduction & Infertility 2008 summer; 9(2):107-14
 - 27 **Akhondi M.A**, Behjati Ardekani Z. *Surrogacy and the necessity for its application in infertility treatment*. Medical Journal of Reproduction & Infertility 2008 spring; 9(1): 7-13
 - 28 Milanifar A.R, **Akhondi M.A**, Behjati Ardekani Z, Abdolazadeh A. *Issuing birth certificates and ID cards for newborns following a surrogate birth and the legal and ethical responsibilities of the medical team*. Medical Journal of Reproduction & Infertility 2008 spring; 9(1): 82-8
 - 29 Shahbazi M, Zarnani A.H, Salek-Moghaddam A, Karimi F, Ghasemi J, Kazemi-Sefat G.E, Moravvej A, **Akhondi M.A**, Jeddi-Tehrani M. *Expression of nuclear receptor for 1,25-Dihydroxy Vitamin D3 in reproductive organs of cycling mice*. Medical Journal of Reproduction & Infertility 2008 winter; 8(4): 307-18
 - 30 Sadeghi M.R, **Akhondi M.A**, Hodjat M, Mobaraki M, Bolurzadeh M, Amir-Jannati N, Zonobi M, Ghaffari-Novin M. *Correlation between the result of sperm function test and intra-cytoplasmic sperm injection(ICSI)*. Monthly Tehran University Medical Journal 2008 winter; 65(suppl.3):73-82
 - 31 Arefi S, Soltanghoraei H, **Akhondi M.A**, Jeddi-Tehrani M, Sadeghpour Tabaei A, Zeraati H, Tokhmechi R. *The value of diagnostic hysteroscopy in patients*

- with repeated IVF failures*. Monthly Tehran University Medical Journal 2008 winter; 65(suppl.3):67-72
- 32 Mohammadzadeh A, Soltan Ghoraiie H, Heidari M, Ghaffari Novin M, Jeddi-Tehrani M, **Akhondi M.A**, Mohammadzadeh F. *Serum white blood cell changes in female rats with endometriosis*. Monthly Tehran University Medical Journal 2008 winter; 65(suppl.3):62-6
- 33 Soltanghoraei H, Arefi S, Mohammadzadeh A, Zonobi M, **Akhondi M.A**, Modaberi Saber Y, Zeraati H, Bahrami M.E. *Prevalence of some antibodies in Women with recurrent abortion attending Avicenna Infertility Clinic*. Monthly Tehran University Medical Journal 2008 winter; 65(suppl.3):56-61
- 34 Amir-Jannati N, Ghaffari-Novin M, Irani Shemirani A, Modarresi M.H, **Akhondi M.A**, Jeddi-Tehrani M. *Hormonal abnormalities and histopathology of testis in azoospermic patients with klinefelter's syndrome*. Monthly Tehran University Medical Journal 2008 winter; 65(suppl.3):49-55
- 35 Moravvej A, Zarnani A.H, Jeddi-Tehrani M, Salek-Moghaddam A.R, Shekarabi M, Ghods R, Shahbazi M, Kazemi-Sefat G, Ghasemi J, **Akhondi M.A**. *Evaluating thyroglobulin gene expression in the endometrium of Balb/c female mice during estrous cycles*. Monthly Tehran University Medical Journal 2008 winter; 65(suppl.3):42-48
- 36 Hodjat M, **Akhondi M.A**, Amirjanati N, Savadi Shirazi E, Sadeghi M.R. *The comparison of four different sperm chromatin assays and their correlation with semen parameters*. Monthly Tehran University Medical Journal 2008 winter; 65(suppl.3):33-41
- 37 Lakpour N, Kharrazi H, **Akhondi M.A**, Raygani A.V, Jafarian A, Savadi Shirazi E, Hodjat M, Sadeghi M.R. *The relationship between oxidative stress and sperm DNA damage in normozoospermic men and men with abnormal sperm parameters*. Monthly Tehran University Medical Journal 2008 winter; 65(suppl.3):11-19
- 38 Akbarzadeh Najar R, Jeddi-Tehrani M, Sadeghi M.R, Zarnani A.H, Salehkhosh Sh, Hoseinzadeh F, Heidari M, Eini L, **Akhondi M.A**. *Spermatogonial stem cell transplantation in mice*. Monthly Tehran University Medical Journal 2008 winter; 65(suppl.3):1-10
- 39 Aslani F, **Akhondi M.A**, Modaresi M.H, Shabani A, Arabi M, Sadeghi M.R. *Evaluating the presence of testis specific transcript in mature human spermatozoa*. Medical Journal of Reproduction & Infertility 2007 fall; 8(3): 195-204
- 40 Sadeghi M.R, Hodjat M, Naseri N, Jeddi-Tehrani M, Mosafa N, **Akhondi M.A**, Ghods R, Bayat A.A. *Purification of inhibin from human follicular fluid using monoclonal antibody*. Feyz-Journal of Kashan University of Medical Sciences 2007 fall; 11(3): 24-30
- 41 Behjati Ardakani Z, **Akhondi M.A**, Milanifar A.R, Modaberi Saber Y, Chamani Tabriz L, Moieni M, Ghorbani B, *Counseling, evaluation and screening of donor and recipient in third party reproduction and the matching process*. Payesh Health Monitor (Journal of the Iranian Institute for Health Sciences Research-ACECR) 2007 fall; 6(4): 443-51
- 42 Milanifar A, Shahbazi M.H, **Akhondi M.A**, Behjati Ardakani Z. *A legal assessment of court permission, subject of article 2 of the Embryo Donation act*. Payesh Health Monitor (Journal of the Iranian Institute for Health Sciences Research-ACECR) 2007 fall; 6(4): 439-42

- 43 Milanifar A, Shahbazi M.H, Behjati Ardakani Z, **Akhondi M.A.** *Impressive effect of dissolution matrimony in the final stage of embryo or gamete transferring.* Payesh Health Monitor (Journal of the Iranian Institute for Health Sciences Research-ACECR) 2007 fall; 6(4):415-18
- 44 Ghorbani B, Behjati Ardakani Z, **Akhondi M.A.** *Counsel able psychological experiences in women facing fertility problems.* Payesh Health Monitor (Journal of the Iranian Institute for Health Sciences Research-ACECR) 2007 fall; 6(4):373-77
- 45 Behjati Ardakani Z, Abbasi Shavazi M.J, Shidfar F, Moeini M, **Akhondi M.A.** *The effect of ageing on natural and artificial reproduction.* Payesh Health Monitor (Journal of the Iranian Institute for Health Sciences Research-ACECR) 2007 fall; 6(4): 331-45
- 46 **Akhondi M.A.**, Behjati Ardakani Z, Arefi S, Sadri Ardekani H, Aarabi M, Zarnani A.H, Chamani Tabriz L, Shabestari O. *A close look at natural and in vitro fertilization as well as the need for donated gametes in treatment of infertility.* Payesh Health Monitor (Journal of the Iranian Institute for Health Sciences Research-ACECR) 2007 fall; 6(4): 307-21
- 47 Zarei S, Jeddi Tehrani M, **Akhondi M.A.**, Zarnani A.H, Zeraati H, Bonakdar S, Ghazanfari M, Shokri F. *Short term reactogenicity of cellular DTP vaccine in 4-6 year old children in Tehran.* Payesh Health Monitor (Journal of the Iranian Institute for Health Sciences Research-ACECR) 2007 summer; 6(3): 273-83
- 48 Mohammadzadeh A, Heidari M, Soltan Ghoraiee H, Ghaffari Novin M, Jeddi Tehrani M, **Akhondi M.A.**, Zeraati H, Mohammadzadeh F, and Ebadi P. *The effects of pentoxifylline on the growth of endometrial implants and leukocytes in rats* (paper in English). Iranian Journal of Reproductive Medicine 2007 summer; 5(3): 89-93
- 49 Zarei S, Jeddi-Tehrani M, **Akhondi M.A.**, Zeraati H, Kheirkhah T, Ghazanfari M, Shokri F. *Immunogenicity of a triple diphtheria-tetanus-whole cell pertussis vaccine in Iranian preschool children.* Iranian Journal of Immunology 2007 Jun; 4(2): 101-09
- 50 Ghaffari Novin M, Heidari M, **Akhondi M.A.**, Jeddi Tehrani M. *In vitro application of Matrigel enhances human blastocyst formation and hatching* (paper in English). Iranian Journal of Reproductive Medicine 2007 summer; 5(3): 103-07
- 51 Torkabadi E, **Akhondi M.A.**, Pakzad P, Mahmoodi SAR, Bayat A.A, Sadeghi M.R, Jeddi Tehrani M, Heidari M. *Characterization of HS80 monoclonal antibody for detection of its antigen on the surface of human sperm.* Hakim Research Journal 2007 winter; 9 (4): 65-75
- 52 Soltangharaee H, Memariani T, Aarabi M, Hantoushzadeh S, Arefi S, Aarabi M, **Akhondi M.A.**, Modarresi M.H. *Association of ACE, PAI-1 and coagulation factor XIII gene polymorphisms with recurrent spontaneous abortion in Iranian patient.* Medical Journal of Reproduction and Infertility 2007 winter; 7(4): 324-30
- 53 Safarpour E, Parivar K, **Akhondi M.A.**, Jeddi Tehrani M, Shokri F, Zarnani A.H, Keramatipour M, Salehkhoush, Eini L, Sadeghi M.R. *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 and Infertility 2007 winter; 7(4): 338-48
- 54 Jahanbakht H, Parivar K, **Akhondi M.A.**, Jeddi Tehrani M, Modarresi M.H, Sadeghi M.R, Keramatipour M, Zarnani A.H, 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 and Infertility 2007 winter; 7(4): 349-57*
- 55 Heidari M, Jamshedi A.H, Akhondzadeh Sh, Ghaffari Novin M, Sadeghi M.R, Ghazi Khansari M, **Akhondi M.A.** *Evaluating the effects of Centella asiatica on spermatogenesis in rats. Medical Journal of Reproduction and Infertility 2007 winter; 7(4): 367-74*
- 56 Amirjannati N, **Akhondi M.A.**, Sadri Ardekani H, Soltangharaee H, Jeddi Tehrani M, Modarresi M.H. *The role of laparoscopy in the management of azoospermic men with non-palpable testis. Medical Journal of Reproduction and Infertility 2007 winter; 7(4): 383-90*
- 57 Sadri Ardekani H, **Akhondi M.A.** *Identification and treatment of leukocytospermia in infertile men. Medical Journal of Reproduction and Infertility 2007 winter; 7(4): 401-10*
- 58 Aarabi M, Soltan Ghorae H, Amir Jannati N, Ghaffari Novin M, Sadeghi M.R, **Akhondi M.A.**, Modarresi M.H. *Testis Specific Gene Expression 10 in the testes of patients with non-obstructive azoospermia. Medical Journal of Reproduction and Infertility 2006 autumn; 7(3):179-86*
- 59 Lakpour N, Modarresi M.H, Kharazi H, **Akhondi M.A.**, Veisi Raygani A, Sadeghi M.R, Ghasemi J, Hodjat M. *Polymorphism in Phospholipid Hydroperoxide Glutathione Peroxides (PHGPX) gene in Iranian infertile men. Medical Journal of Reproduction and Infertility 2006 autumn; 7(3): 198-208*
- 60 Akbarzadeh Najar R, **Akhondi M.A.**, Parivar K, Jeddi Tehrani M, Sadeghi M.R, Javadi E. *The effect of Human chorionic Gonadotropin on germ cell mutation and testosterone secretion in neonatal mouse testis. Medical Journal of Reproduction and Infertility 2006 autumn; 7(3): 209-16*
- 61 Hodjat M, Talebian A, Ghods R., Shabani A., **Akhondi M.A.**, Sadeghi M.R. *Purification of ubiquitin & production of specific antibody directed against it. Persian Biology Journal 2006 autumn; 19(3): 251-63*
- 62 Mohammadzadeh A, Heidari M, Soltan Ghorae H, Zarnani A.H, Ghaffari Novin M, **Akhondi M.A.**, Mousvi Jarrahi A.R, Mohammad Zadeh A. *Induction of Endometriosis by implantation of endometrial fragments in female rats (paper in English). Iranian Journal of Reproductive Medicine 2006 autumn; 4(2): 63-7*
- 63 Abbasi Shavazi M, Razeghi Nasr Abad H.B, Behjati Ardakani Z, **Akhondi M.A.** *Attitude of infertile women towards gamete donation: a case study in Tehran, Medical Journal of Reproduction and Infertility 2006 summer; 7(2): 139-48*
- 64 Arefi S, **Akhondi M.A.**, Sadeghi M.R, Jeddi Tehrani M, Talebian A, Heidari M, Bayat A.A, Sadeghpour Tabaei A. *Intrafollicular fluid antigamete antibodies in infertile patient candidates for ICSI. Medical Journal of Reproduction and Infertility 2006 summer; 7(2): 101-10*
- 65 Jeddi Tehrani M, Abbasi N, Zarnani A, Dokouhaki P, Ghasemi J, Feyzi A, **Akhondi M.A.** *The expression profile of indolamine 2, 3-dioxygenase in murine endometrium during estrous cycle. Medical Journal of Reproduction and Infertility 2006 summer; 7(2): 91-100*
- 66 Behjati Ardakani Z, **Akhondi M.A.**, Sadeghi M.R, Sadri Ardekani H. *The necessity of a comprehensive study on abortion in Iran. Medical Journal of Reproduction and Infertility 2005 autumn; 6(Suppl4): 299-320*

- 67 Ahmadi S.M, **Akhondi M.A**, Behjati Ardakani Z. *Embryo reduction in multiple pregnancies*. Medical Journal of Reproduction and Infertility 2005 autumn; 6 (Suppl4): 441-49
- 68 Zarnani.A.H, Mohammad Zadeh Kazorgah A, Ghaffari Novin M, Arefi S, Modarresi M.H, Shokri F, Dokouhaki P, Sadeghi M.R, **Akhondi M.A**, Gharebaghian A, Jeddi Tehrani M. *A Case report of recurrent hydrops fetalis due to maternal alloimmunization with kell antigen*. Blood Journal 2005 spring; 2(3):59-62
- 69 Talebian.A, Sadeghi.M.R, Sadri.Ardekani.H, Bolourzade.M **Akhondi.M.A**. *The assessment and comparison of different media and methods of sperm cryopreservation (sperm banking)*. Medical Journal of Reproduction and Infertility 2005 spring; 6(4): 140-52
- 70 **Akhondi M.A**, Torkabadi.E, Bayat A.A, Heidari M, Ghods R, Sadeghi M.R, Dizaji A, Shokri F, Jeddi Tehrani M. *Monoclonal Antibody production against Human Surface spermatozoa Antigens*. Medical Journal of Shahid Sadoghi Yazd 2005 autumn; 13(4): 36-50
- 71 Arefi S, Jeddi Tehrani M, **Akhondi.M.A**, Mousavi.A.R, Heidari M, Bayat A.A, Sadegh Pour Tabaei A. *Anti-zona pellucida antibodies in infertile patients in relation to multiple puncture of ovaries and unexplained infertility* (paper in English). Iranian Journal of Reproductive Medicine. 2005; 3(1): 30-35
- 72 Mahmoudi S. A.R, Ghods R, Zarnani A.H, Heidari M, Bayat A.A, **Akhondi M.A**, Parivar K, Jeddi Tehrani M, Sadeghi M.A. *Characterization of a human spermatozoa surface antigen recognized by HS56 monoclonal antibody*. Medical Journal of Reproduction and Infertility 2004 autumn; 5(4): 290-98
- 73 **Akhondi M.A**. *The reason(s) for infertility*. Reproductive Health Magazine 2004 spring; 1(4): 20-23
- 74 **Akhondi M.A**. "How does human life begin?". Reproductive Health Magazine 2004 winter; 1(3): 14-17
- 75 Talebian A, Zarnani A.H, Jeddi Tehrani M, **Akhondi M.A**, Jalali M, Sadeghi M.R. *Designing ELISA method using surface antigens for detection of antisperm antibody in comparison with Sperm Mar test*. Medical Journal of Reproduction and Infertility 2003 winter; 5(1): 23-34
- 76 **Akhondi M.A**. *The dream of having a baby*. Reproductive Health Magazine 2003 autumn; 1(2): 4-6
- 77 **Akhondi M.A**. *The initial familiarization with infertility*. Reproductive Health Magazine 2003 summer; 1(1): 29-31
- 78 **Akhondi M.A**, Sedighi M.A., Amir Jannati N, Sadri Ardekani H. *use of spermatide for treatment of non-obstructive azoospermic patients*. Medical Journal of Reproduction and Infertility 2003 summer; 3(4): 177-83
- 79 **Akhondi M.A**, Sedighi Gilani M.A, Amir Jannati N. *Evaluation of spermatogenesis in non-obstructive azoospermic patients with histopathological and cytological methods*. Medical Journal of Reproduction and Infertility 2002 winter; 4(1): 30-8
- 80 Ghaffari M, **Akhondi M.A**, Heidari M. *Effects of different media on fallopian tube epithelial cells culture and human embryo development*. Medical Journal of Reproduction and Infertility 2002 winter; 4(1): 5-16
- 81 Karami Nouri R., **Akhondi M.A**. and Behjati Ardakani Z. *Psychological aspects of infertility from viewpoint of infertility treating physicians*. Medical Journal of Reproduction and Infertility 2001 summer; 2(7): 13-26
- 82 Sadeghi M.R., **Akhondi M.A.**, and Zahraei M. *Role of surface proteins with epididymal origin on fertilization*. Medical Journal of Reproduction and Infertility 2000 summer; 1(3): 43-4

- 83 **Akhondi M.A.**, Ashrafi M, Ghaffar Novin M, Moeeni A, Shahrokh Tehrani E, Sadeghi M.R, Madani T, Karimian 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 summer; 1(3): 23-9
- 84 **Akhondi M.A.** and Moore H.D.M. *Evaluation of the rat sperm motility by Computer Assisted Sperm Analyser (CASA)*. Medical Journal of Reproduction and Infertility 2000 spring; 1(2): 11-23
- 85 Sadeghi M.R., **Akhondi M.A.**, and Zahraei M. *Identification of common proteins between epididymal epithelium secretions and surface of Rat spermatozoa* Research in Medicine. Medical Journal of Shahid Beheshti University 2001; 25(1): 45-4

E. International Journals:

1. Aarabi M, Memariani T, Arefi S, Hantooosh Zadeh S, Aarabi M, **Akhondi M.A.**, Modarresi M.H. *Polymorphisms of plasminogen activator inhibitor-1, angiotensin converting enzyme and coagulation factor XIII genes in patients with spontaneous abortion*. Journal of Maternal-Fetal & Neonatal Medicine. In press
2. Kokab A, **Akhondi M.A.**, Sadeghi M.R, Modarresi M.H, Aarabi M, Jennings R, Pacey A.A, Eley A. *Raised Inflammatory Markers in Semen from Men with Asymptomatic Chlamydial Infection*. Journal of Andrology 2009 Sep.
3. Shojaeian J, Jeddi-Tehrani M, Dokouhaki P, Mahmoudi A.R, Ghods R, Bozorgmehr M, Nikoo S, Bayat A.A, **Akhondi M.A.**, Ostadkarampour M, Rezaia S, Zarnani AH. *Mutual helper effect in copulsing of dendritic cells with 2 antigens: a novel approach for improvement of dendritic-based vaccine efficacy against tumors and infectious diseases simultaneously* .Journal of Immunotherapy 2009 May; 32(4):325-32.
4. Soltanghoreae H, Sadri-Ardekani H, Soltanghoreae H, Taheri A, Kashi T, **Akhondi M.A.** *Ejaculation as a source of proteinuria regardless of the presence or absence of sperm in semen*. LabMedicine 2009 May; 40(5): 294-96
5. Jeddi-Tehrani M, Abbasi N, Dokouhaki P, Ghasemi J, Rezaia S, Ostadkarampour M, Rabbani H, Akhondi M.A, Tahmasebi Fard Z, Zarnani AH. *Indoleamine 2,3-dioxygenase is expressed in the endometrium of cycling mice throughout the oestrous cycle*. Journal of Reproductive Immunology 2009 Apr; 80 (1-2); 41-8.
6. Hodjat M, **Akhondi M.A.**, Al-Hasani S, Mobaraki M, Sadeghi M.R. *Increased sperm ubiquitination correlates with abnormal chromatin integrity*. Reproductive BioMedicine Online(RBM Online) 2008; 17(3): 324-30
7. Daneshmanesh AH, Mikaelsson E, Jeddi-Tehrani M, Bayat AA, Ghods R, Ostadkarampour M, **Akhondi M.A.**, Lagercrantz S, Larsson C, Osterborg A, Shokri F, Mellstedt H, Rabbani H. *Ror1, a cell surface receptor tyrosine kinase*

- is expressed in chronic lymphocytic leukemia and may serve as a putative target for therapy.* International Journal of Cancer. 2008 Sep; 123(5):1190-95.
8. Dokouhaki P, Moghaddam R, Rezvany M, Ghassemi J, Novin M.G, Zarnani A, **Akhondi M.A**, Ostadkarampour M, Mellstedt H, Razavi A, Jeddi-Tehrani M. *Repertoire and clonality of T-cell receptor beta variable genes expressed in endometrium and blood T cells of patients with recurrent spontaneous abortion.* American Journal of Reproductive Immunology 2008 Aug; 60(2):160-71.
 9. Mohammadzadeh A, Heidari M, Soltanghoreae H, Jeddi-Tehrani M, Ghaffari-Novin M, **Akhondi M.A**, Zeraati H, Mohammadzadeh F. *Evaluation of the effect of pentoxifylline on white blood cell count in serum and peritoneal fluid in female rats with endometriosis.* The Journal of Obstetrics and Gynecology Research 2008; 34(3): 307-13
 10. Chamani Tabriz L, Jeddi Tehrani M, **Akhondi M.A**, Mosavi Jarrahi A, Zeraati H, Ghasemi J, Asgari S, Kokab A, Eley A. *Chlamydia trachomatis prevalence in Iranian women attending obstetrics and gynecology clinic.* Pakistan Journal of Biological Sciences 2007 Dec; 10(24):4490-94.
 11. Behjati R, Modarresi M.H, Jeddi Tehrani M, Dokouhaki P, Ghasemi J, Zarnani A, Aarabi M, Memariani T, Ghaffari M, **Akhondi M.A**. *Thrombophilic Mutations in Iranian patients with infertility recurrent spontaneous abortion.* Annals of Hematology 2006; 85(4): 268-71
 12. Modarresi M.H, Aarabi M, Soltanghoreae H, Behjati R, Amir Jannati N, **Akhondi M.A**. *Testicular expression of synaptonemal complex protein 3(SYCP3) Messenger ribonucleic acid in 110 patients with nonobstructive azoospermia.* Fertility and Sterility 2006; 86(2): 325-31
 13. Arefi S, Heidari M, **Akhondi M.A**, Bayat A.A, Jeddi Tehrani M, Tabaei A, Jarrahi A. *Antizona pellucida antibodies in follicular fluid and outcome of ICSI.* Middle East Fertility Society Journal 2006; 11(1): 35-42
 14. Sadeghi M.R, Talebian A, Jalali M, Jeddi Tehrani M, **Akhondi M.A**. *An ELISA method for detection of antisperm antibody.* 12th International Congress of Immunology & 4th Annual Conference of FOCIS 2004; 231-37
 15. Sadeghi M.R, Talebian A, Sedghzar M, Amir Jannati N, Sadri Ardekani H, **Akhondi M.A**. *Effect of time on antisperm antibody production in vasectomized male.* 12th International Congress of Immunology & 4th Annual Conference of FOCIS. Montral. Canada, 2004; 419-23
 16. **Akhondi M.A**, Chapple C. and Moore H.D.M, *Prolonged survival of human spermatozoa when co-incubated with epididymal cell cultures.* Human Reproduction (An International journal published for ESHRE), 1997; 12(3): 514-22
 17. Moore H.D.M. and **Akhondi M.A**. *In vitro Maturation of Mammalian Spermatozoa.* Reproduction (The Journal of the Society for Reproduction and Infertility) 1996; 1: 54-60
 18. Moore H.D.M. and **Akhondi M.A**. *Fertilizing Capacity of rat spermatozoa is correlated with decline in straight-line velocity measured by continuous computer-aided sperm analysis: epididymal rat spermatozoa from the distal cauda or vas deferens.* Journal of Andrology 1996; 17(1): 50-60

X- Abstracts:

A. National Congresses:

1. Hormozi M, Heidari M, Hoseini-Gohari L, Jeddi-Tehrani M, Zarnani A.H, Firoozray M, **Akhondi M.A.** *Evaluation of the fertility preservation techniques in girls and young women with cancer.* Fertility Preservation Congress. Tehran. Iran 13-14 Jan 2010.
2. Sadri-Ardekani H, Maleki H, Behjati-Ardekani Z, Kamali K, Sedighinejhad S, Repping S, Vossough P. **Akhondi M.A.** *Attitude of Iranian parents about semen/testicular tissue cryopreservation in boys with cancer.* Fertility Preservation Congress. Tehran. Iran 13-14 Jan 2010.
3. Amirjannati N, Sadeghi M.R, Hoseini-Jadda S.H, Ranjbar F, Kamali K, **Akhondi M.A.** *A study of semen parameters of cancer patients before sperm cryopreservation with emphasis on fertility preservation.* Fertility Preservation Congress. Tehran. Iran 13-14 Jan 2010.
4. Mohazzab A, Heidari M, Salehkhoh Sh, **Akhondi M.A.** *Fertility Preservation in male cancer patients.* Fertility Preservation Congress. Tehran. Iran 13-14 Jan 2010.
5. Aryanpur M, Heydari G.R, Tarahomi M, **Akhondi M.A.**, Modaberi-Saber U, Masjedi M.R. *Evaluation of smoking status among infertile people.* Fertility Preservation Congress. Tehran. Iran 13-14 Jan 2010.
6. Sarvari A, Naderi M.M, Heidari M, **Akhondi M.A.** *The effect of environmental risk factors on male and female fertility.* Fertility Preservation Congress. Tehran. Iran 13-14 Jan 2010.
7. Naderi M.M, Sarvari A, Sadeghi M.R, **Akhondi M.A.** *Cryobiology and fertility preservation.* Fertility Preservation Congress. Tehran. Iran 13-14 Jan 2010.
8. Aryanpur M, Heydari G.R, Tarahomi M, **Akhondi M.A.**, Modaberi-Saber U, Masjedi M.R. *Studying the effect of giving a brief advice on smoking cessation in infertile individuals.* Fertility Preservation Congress. Tehran. Iran 13-14 Jan 2010.
9. Aryanpur M, Heydari G.R, Tarahomi M, **Akhondi M.A.**, Sadri-Ardekani H, Masjedi M.R. *Evaluation of infertiles' attitude and knowledge toward smoking.* Fertility Preservation Congress. Tehran. Iran 13-14 Jan 2010.
10. **Akhondi M.A.**, Heidari M, Salehkhoh Sh. *Study of effect Busolfan on the reproductive system in animal model.* 8th International Congress on Obstetrics and Gynecology. Tehran. Iran 5-9 November 2009.
11. Hoseinzadeh F, Salehkhoh Sh, Heidari M, **Akhondi M.A.** *The culture of spermatogonial stem cells.* 8th International Congress on Obstetrics and Gynecology. Tehran. Iran 5-9 November 2009.

12. Darzi S, Kazemnejad S, Jeddi-Tehrani M, Entezami K, Vahedian Z, **Akhondi M.A**, Zarnani A.H. *Osteogenesis differentiation of menstrual blood stromal stem cells*. 8th International Congress on Obstetrics and Gynecology. Tehran. Iran 5-9 November 2009.
13. Sarvari A, Naderi M.M, Heidari M, Salehkhoh Sh, **Akhondi M.A**. *Comparison of two superovulation protocols in NMRI mice and study of its effect on number of earned oocytes from flashing*. 8th International Congress on Obstetrics and Gynecology. Tehran. Iran 5-9 November 2009.
14. Raygani M, Sadeghi M.R, **Akhondi M.A**, 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. Tehran. Iran 5-9 November 2009.
15. Raygani M, Sadeghi M.R, **Akhondi M.A**, Amirjannati N, Svadi- 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. Tehran. Iran 5-9 November 2009.
16. Naderi M.M, Sarvari A, Salehkhoh Sh, Heidari M, **Akhondi M.A**. *Comparison between two techniques of blastocyst transfer to the uterine horns of NMRI mice and evaluation of pregnancy of each*. 8th International Congress on Obstetrics and Gynecology. Tehran. Iran 5-9 November 2009.
17. Naderi M.M, Sarvari A, Eini L, Heidari M, **Akhondi M.A**. *A case report of teratogenesis consequent of embryo transfer in NMRI mouse*. 8th International Congress on Obstetrics and Gynecology. Tehran. Iran 5-9 November 2009.
18. Nikou Sh, Ebtekar M, Jeddi-Tehrani M, Tavakoli M, Vahedian Z, **Akhondi M.A**, Zarnani A.H. *Immunophenotyping and functional study of menstrual blood-derived stromal stem cells*. 8th International Congress on Obstetrics and Gynecology. Tehran. Iran 5-9 November 2009.
19. Heidari M, Maleki H, Tayebi M, **Akhondi M.A**, Sadeghi M.R, Akhondzadeh 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. Tehran. Iran 5-9 November 2009.
20. Naderi M.M, Sarvari A, **Akhondi M.A**. *Evaluation of protective role of herbal medicine silymarin in pregnancy and lactation period*. 8th International Congress on Obstetrics and Gynecology. Tehran. Iran 5-9 November 2009.
21. Raygani M, Sadeghi M.R, Sabetian S, Yaghmaei B, **Akhondi M.A**, 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. Tehran. Iran. 16-19 Nov 2009.
22. Jabbari S, Ardekani A, Sadeghi M.R, Amirjannati N, Habibi A, Lakpour N, Hodjat M, **Akhondi M.A**. *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. Tehran. Iran. 16-19 Nov 2009.
23. Ardekani A, Jabbari S, Sadeghi M.R, Amirjannati N, Habibi A, Lakpour N, Hodjat M, **Akhondi M.A**. *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. Tehran. Iran. 16-19 Nov 2009.
24. Soleymani-Fard S, Jeddi-Tehrani M, **Akhondi M.A**, Eini L, Ardekani A. *Anti-proliferative and apoptotic effects of anticancer compounds in acute lymphoblastic leukemia (ALL) cell lines CCRF-CEM and Nalm-6*. Third International Symposium on Molecular Technology. Tehran, Iran. 5-7 May 2009.
 25. Soleymani-Fard S, **Akhondi M.A**, Jeddi-Tehrani M, Ardekani A. *Flow cytometric studies of apoptosis induced by Trichostatin A and 4-Hydroxyphenyl retinamide in acute Lymphoblastic leukemia cell lines*. First National Congress of Cellular and Molecular News in Noncontagious Diseases. Babol. Iran. 19-21 May 2009.
 26. Soleymani-Fard S, **Akhondi M.A**, Jeddi-Tehrani M, Ardekani A. *Growth inhibition of acute leukemia cell lines by different classes of anticancer agents*. First National Congress of Cellular and Molecular News in Noncontagious Diseases. Babol. Iran 19-21 May 2009.
 27. Jafarian A, **Akhondi M.A**, Pezhan N, Sadeghi M.R, Zarnani A.H, Salehkhoh Sh. *Spermatogonial stem cell transplantation in azoospermic mice*. 2nd International and 7th National Congress on Quality Improvement in Clinical Laboratories. Tehran. Iran. 20-23 April 2009.
 28. Hoseinzadeh F, **Akhondi M.A**, Shams Lahijani M, Jada Tehrani M, Heidari M, Salehkhoh Sh. *Spermatogonial stem cell culture influence of GDNF*. 15th Congress of Iranian Society for Reproductive Medicine. Tehran. Iran. Feb 2009.
 29. Sadeghi M.R, Hodjat M, **Akhondi M.A**, Bolurzadeh M. *Comparison of chromatin integrity and fertilization ability between epididymal and ejaculated spermatozoa*. 15th Congress of Iranian Society for Reproductive Medicine. Tehran. Iran. Feb 2009.
 30. Lakpour N, Sadeghi M.R, Kharrazi H, **Akhondi M.A**, Motevallizadeh Ardekani A, Hodjat M. *Relationship between reproductive hormones and oxidative stress with sperm DNA integrity*. 15th Congress of Iranian Society for Reproductive Medicine. Tehran. Iran. Feb 2009.
 31. Aslani F, Sadeghi M.R, Modarresi M.H, **Akhondi M.A**, Soltanghorae H. *DAZ and PRM2 transcripts in semen: Non-invasive molecular markers*. 15th Congress of Iranian Society for Reproductive Medicine. Tehran. Iran. Feb 2009.
 32. Jafarian A, **Akhondi M.A**, Sadeghi M.R, Salehkhoh Sh. *Effect of the female hormone "Estradiol" and FSH on regeneration of spermatogenesis after chemotherapy*. 15th Congress of Iranian Society for Reproductive Medicine. Tehran. Iran. Feb 2009.
 33. Raigani M, Sadeghi M.R, Yaghmaei B, **Akhondi M.A**, Lakpour N, Hodjat M, Rezaei Farimani A. *Comparison of C677T polymorphism of the methylenetetrahydrofolate reductase (MTHFR) gene in oligo-asthenoteratozoospermic (OAT) and normozoospermic Iranian men*. 15th Congress of Iranian Society for Reproductive Medicine. Tehran. Iran. Feb 2009.
 34. Amirjannati N, **Akhondi MA**, Ghorbani B, Sadeghi M.R, Jeddi-Tehrani M. *Sexual and hormonal function of patients with non-obstructive azoospermia with the chief complaint of infertility*. 15th Congress of Iranian Society for Reproductive Medicine. Tehran. Iran. Feb 2009.

35. Savadi Shiraz E, Sadeghi M.R, Bahmani M, Edalatkhah H, Rabbani H, **Akhondi M.A**, Hodjat M. *Quantification of protamines 1,2 and transition protein 2 transcript contents in human spermatozoa and their relation with sperm morphology*. 15th Congress of Iranian Society for Reproductive Medicine. Tehran. Iran. Feb 2009.
36. Mirfeizollahi A, Sadeghi M.R, Farivar Sh, Hodjat M, **Akhondi M.A**, Lakpoor N. *GSTMI genetics polymorphism and glutathione S-transferase activity in Iranian infertile men*. 15th Congress of Iranian Society for Reproductive Medicine. Tehran. Iran. Feb 2009.
37. **Akhondi M.A**, Moiniee M, Yaghmaiee F, Milanifar A, Behjati Ardekani Z. *Infertility treatment: A professional teamwork*. 15th Congress of Iranian Society for Reproductive Medicine. Tehran. Iran. Feb 2009.
38. Milanifar A, **Akhondi M.A**, Moiniee M, Yaghmaiee F, Behjati Ardekani Z. *Infertility treatment: Group commitment, accountability and management*. 15th Congress of Iranian Society for Reproductive Medicine. Tehran. Iran. Feb 2009.
39. Karoubi M.T, **Akhondi M.A**, Behjati Ardekani Z, Milanifar A. *A critical examination of embryo donation to infertile spouses: Act 2003*. 15th Congress of Iranian Society for Reproductive Medicine. Tehran. Iran. Feb 2009.
40. **Akhondi M.A**, Behjati-Ardekani Z. *Establishment of a comprehensive insurance system in diagnosis and treatment of infertility*. Insurance and Infertility Seminar. Tehran. Iran. Jan 1, 2009.
41. Behjati-Ardekani Z, Ebadi P, **Akhondi M.A**. *Social and cultural structure of infertility and the necessity of using insurance with emphasis on the function of different countries*. Insurance and Infertility Seminar. Tehran. Iran. Jan 1, 2009.
42. Babania A, Tarahomi M, Saffari H.R, **Akhondi M.A**, Najafi B. *Suggested regulation on infertility insurance coverage*. Insurance and Infertility Seminar. Tehran. Iran. Jan 1, 2009.
43. Mahmoudi A.R, Bayat A.A, Jeddi-Tehrani M, Balaygoli L, Babaei M, Khakpour J, Barzegare, Yarmohammadi L, Zarnani A.H, Mahmoudian J, Ostad-Karampour M, **Akhondi M.A**, Ghods R. *Preparation of affinity chromatography column using a polyclonal antibody for purification of mouse IgM*. Proceedings of the 15th National & Third International Conference of Biology. University of Tehran. Iran. 19-21 August 2008.
44. Moravvej A, Zarnani A.H, Jeddi-Tehrani M, Salek-Moghaddam A, Shekarabi M, Gods R, Kazemi-Sefat Gh, Ghasemi J, Shahbazi M, Rezaia S, Ostad Karampour M, **Akhondi M.A**. *Thyroglobulin is not expressed in pregnancy-related organs of pregnant mice*. 9th Iranian Congress of Immunology & Allergy. Tehran. Iran. Jun 17-19, 2008.
45. Shahbazi M, Salek-Moghaddam A, Zarnani A.H, Jeddi-Tehrani M, Karimi F, Ghasemi J, Kazemi-Sefat Gh, Moravvej A, Rezaia S, **Akhondi M.A**. *Expression of nuclear receptor of 1,25 dihydroxy vitamin D3 in reproductive organs of cycling mice*. 9th Iranian Congress of Immunology & Allergy. Tehran. Iran. Jun 17-19, 2008.
46. Shahbazi M, Jeddi-Tehrani M, Zarnani A.H, Salek-Moghaddam A, Karimi F, Ghasemi J, Kazemi-Sefat Gh, Moravvej A, Rezaia S, Ostad-Karampour M, **Akhondi M.A**. *Evaluation of the vitamin D receptor expression in murine reproductive organs during pregnancy*. 9th Iranian Congress of Immunology & Allergy. Tehran. Iran. Jun 17-19, 2008.

47. Moravvej A, Zarnani A.H, Jeddi-Tehrani M, Salek-Moghaddam A, Shekarabi M, Ghods R, Kazemi-Sefat Gh, Ghasemi J, Shahbazi M, Rezanian S, **Akhondi M.A.** *Evaluation of thyroglobulin expression in endometrium of Balb/c female mice during estrous cycle.* 9th Iranian Congress of Immunology & Allergy. Tehran. Iran. Jun 17-19, 2008.
48. Tabatabaei-Panah A.S, Zarnani A.H, Jeddi-Tehrani M, Chamankhah M, Ghods R, Bayat A.A, Kazemi-Sefat Gh, Mahmoudi A.R, Shojaeian S, Akbarzadeh-Najar R, **Akhondi M.A.** *Comparison of Optical Properties of Quantum Dot-525 and FITC – Conjugate antibodies for evaluation of Her2 Expression.* 9th Iranian Congress of Immunology & Allergy. Tehran. Iran. Jun 17-19, 2008.
49. Tabatabaei-Panah A.S, Zarnani A.H, Jeddi-Tehrani M, Chamankhah M, Bayat A.A, Ghods R, Kazemi-Sefat Gh, Mahmoudi A.R, Ostad Karampour M, Akbarzadeh-Najar R, **Akhondi M.A.** *Production and characterization of anti-Her2 monoclonal antibodies.* 9th Iranian Congress of Immunology & Allergy. Tehran. Iran. Jun 17-19, 2008.
50. Djahanbakht H, Parivar K, **Akhondi M.A**, Safarpour KCE. *Effects of retinoic acid(RA) on differentiation of embryonic stem cells to nervous system cells with study on neural specific gene expression.* 14th Congress of Iranian Society for Reproductive Medicine. Yazd. Iran. Feb 2008.
51. Zarei S, Jeddi Tehrani M, **Akhondi M.A**, Zeraati H, Ramezankhani A, Mohammad Alizadeh A, Kheirkhah T, Bonakdar Sh, Ghazanfari M, Shokri F. *Immunogenicity and short term reactogenicity of diphtheria-tetanus-whole cell pertussis vaccine in Iranian preschool children.* 16th Iranian Congress on Infectious Diseases and Tropical Medicine. Tehran. Iran. Dec 15-19, 2007.
52. Aarabi M, Soltanghoreae H, Amirjannati N, Sadeghi M.R, **Akhondi M.A**, Modarressi M.H. *Testicular expression of NYD-SP5 mRNA in infertile patients.* 7th International Congress on Obstetrics and Gynecology. Tehran. Iran. Nov 2007.
53. Akbarzadeh Najar R, **Akhondi M.A**, Jeddi Tehrani M, Sadeghi M.R, Salehkhoh Sh. *Spermatogonial stem cell transplantation in mice.* 7th International Congress on Obstetrics and Gynecology. Tehran. Iran. Nov 2007.
54. **Akhondi M.A**, Sadri Ardekani H, Tarahomi M, Zeraati H, Behjati Ardakani Z, Modabberi Y. *Semen quality of smoker and non-smoker men in infertile couples.* 7th International Congress on Obstetrics and Gynecology. Tehran. Iran. Nov 2007.
55. Hodjat M, Sadeghi M.R, **Akhondi M.A**, 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. Nov 2007.
56. Moravvej A, Zarnani A.H, Jeddi Tehrani M, Salek-Moghaddam A, Shekarabi M, Ghods R, Shahbazi M, Kazemi-Sefat Gh, Ghasemi J, **Akhondi M.A.** *Evaluation of thyroglobulin gene expression in endometrium of Balb/c mice during estrous cycle.* 7th International Congress on Obstetrics and Gynecology. Tehran. Iran. Nov 2007.

57. Sadeghi M.R, Hodjat M, **Akhondi M.A**, Mobaraki M. *Predictive value of the sperm chromatin assay for the outcome of ICSI*. 7th International Congress on Obstetrics and Gynecology. Tehran. Iran. Nov 2007.
58. Tabatabaei-Panah A.S, Zarnani A.H, Montasser-Kouhsari Sh, Jeddi Tehrani M, Chamankhah M, Bayat A.A, Ghods R, Kazemi-Sefat Gh, Mahmoudi A.R, **Akhondi M.A**. *Quantum Dot nanoparticles: highly sensitive fluorophores for detection of Her2 expression in breast cancer cells*. 7th International Congress on Obstetrics and Gynecology. Tehran. Iran. Nov 2007.
59. Amir Jannati N, Ghaffari Novin M, Modarresi M.H, **Akhondi M.A**, Jeddi Tehrani M. *Hormonal abnormalities and histopathology of testis in azoospermic patients with Klinefelter syndrome*. 7th International Congress on Obstetrics and Gynecology. Tehran. Iran. Nov 2007.
60. Mohammad Zadeh A, Soltanghoreae H, Heidari M, Ghaffari Novin M, **Akhondi M.A**, Mohammad Zadeh F. *Serum W.B.C changes in female rats with Endometriosis*. 7th International Congress on Obstetrics and Gynecology. Tehran. Iran. Nov 2007.
61. Heidari M, Chamani Tabriz L, **Akhondi M.A**, Ghaffari Novin M, Mahmoudi A.R, Ghazi Khansari M. *Determination of the impressive effects of Forazolidon on the male genital sys of rat*. 7th International Congress on Obstetrics and Gynecology. Tehran. Iran. Nov 2007.
62. Hodjat M, Sadeghi M.R, **Akhondi M.A**, 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. Nov 2007.
63. Jeddi-Tehrani M, Shahbazi M, Salek-Moghaddam A, Zarnani A.H, Karimi F, Moravvej A, Kazemi-Sefat Gh, Ghasemi J, **Akhondi M.A**. *Nuclear receptor of 1.25 dihydroxy vitamin D3 is expressed in reproductive organs of cycling mice*. 7th International Congress on Obstetrics and Gynecology. Tehran. Iran. Nov 9-13, 2007.
64. Moravvej A, Zarnani A.H, Jeddi-Tehrani M, Salek-Moghaddam A, Shekarabi M, Ghods R, Shahbazi M, Kazemi-Sefat Gh, Ghasemi J, **Akhondi M.A**. *Evaluation of thyroglobulin gene expression in endometrium of Balb/c mice during estrous cycle*. . 7th International Congress on Obstetrics and Gynecology. Tehran. Iran. Nov 9-13, 2007
65. Sadeghi M.R, Hodjat M, **Akhondi M.A**, Mobaraki M. *Predictive value of the sperm chromatin assay for the outcome of ICSI*. 7th International Congress on Obstetrics and Gynecology. Tehran. Iran. Nov 9-13, 2007.
66. Tabatabaei-Panah A.S, Zarnani A.H, Montasser-Kouhsari Sh, Jeddi-Tehrani M, Chamankhah M, Bayat A.A, Ghods R, Kazemi-Sefat Gh, Mahmoudi A.R, **Akhondi M.A**. *Quantum dot nanoparticles: highly sensitive fluorophores for detection of Her2 expression in breast cancer cells*. 7th International Congress on Obstetrics and Gynecology. Tehran. Iran. Nov 9-13, 2007.
67. Ostadkarampour M, Shokri F, **Akhondi M.A**, Dokouhaki P, Ghasemi J, Basiri A, Gooran Sh, Jeddi-Tehrani M, Rabbani H. *Expression of ROR1 as an orphan receptor for diagnosis of renal cancer*. 9th Iranian Congress of Biochemistry and the 2nd International Congress of Biochemistry and Molecular Biology. Shiraz. Iran. Oct 29-Nov 1, 2007.
68. Kharrazi H, Lakpour N, Sadeghi M.R, Vaisi Raygani A, **Akhondi M.A**. *Phospholipid hydroperoxide glutathione peroxidase gene polymorphism in Iranian infertile men*. 9th Iranian Congress of Biochemistry and the 2nd

International Congress of Biochemistry and Molecular Biology. Shiraz. Iran. Oct 29-Nov 1, 2007.

69. Lakpour N, Kharrazi H, Jafarian A, Hodjat M, Savadi Shirazi E, **Akhondi M.A**, Modaresi M.H, Sadeghi M.R. *Relationship between oxidative stress and sperm DNA damage in men with normozoospermia and abnormal sperm parameters*. 9th Iranian Congress of Biochemistry and the 2nd International Congress of Biochemistry and Molecular Biology. Shiraz. Iran. Oct 29-Nov 1, 2007.
70. Sadeghi M.R, Hodjat M, **Akhondi M.A**, Mobaraki M. *Abnormal chromatin integrity may serve as a signal for sperm ubiquitination*. 9th Iranian Congress of Biochemistry and the 2nd International Congress of Biochemistry and Molecular Biology. Shiraz. Iran. Oct 29-Nov 1, 2007.
71. Milanifar A.R, **Akhondi M.A**, Behjati Ardakani Z, Abdolazadeh A. *To issue the birth certificate and ID card for the newborn from surrogacy and the legal and ethical responsibility of the medical team*. Interdisciplinary Seminar on Surrogacy. Tehran. Iran. Oct. 24-25, 2007.
72. **Akhondi M.A**, Behjati Ardakani Z. *Surrogacy, definition, types and the necessity of its performance in treatment of infertility*. Interdisciplinary Seminar on Surrogacy. Tehran. Iran. Oct. 24-25, 2007.
73. Kokab A, Eley A, **Akhondi M.A**, Modarresi M, Aarabi M, Jennings R, Pacey A. *The association of seminal inflammatory markers with Chlamydia trachomatis in male infertility*. 1st International Medical Student Congress. Shiraz University of Medical Sciences. Shiraz. Iran. May 23-25, 2007.
74. Safarpour E, Parivar K, Sadeghi M.R, **Akhondi M.A**, Jeddi 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*. 1st Iranian Heart Failure Summit. Tehran. Iran. Feb 28-Mar 2, 2007.
75. Amirjannati N, **Akhondi M.A**, Sadri Ardekani H, Soltangharaee H, Jeddi Tehrani M, Modarresi M.H. *The role of laparoscopy in the management of azoospermic men with non-palpable testis*. 13th Congress of Iranian Society for Reproductive Medicine. Tehran. Iran. Feb (21-23), 2007.
76. Hodjat M, Sadeghi M.R, **Akhondi M.A**, Mobaraki M. *Study the correlation of sperm abnormal DNA integrity and sperm ubiquitination*. 13th Congress of Iranian Society for Reproductive Medicine. Tehran. Iran. Feb (21-23), 2007.
77. Sheikhlou A, **Akhondi M.A**, Jeddi Tehrani M, Sadeghi M.R, Torkabadi E. *Detection of HS80 antigenic protein of human sperm and its tracing on the other types of mammals by monoclonal antibody*. 13th Congress of Iranian Society for Reproductive Medicine. Tehran. Iran. Feb (21-23), 2007.
78. Ghaffari Novin M, Heidari M, **Akhondi M.A**, Jeddi Tehrani M. *Extracellular matrix enhance human blastocyst formation and hatching in culture*. 13th Congress of Iranian Society for Reproductive Medicine. Tehran. Iran. Feb (21-23), 2007.
79. Lakpour N, Modarresi M.H, Kharrazi H, **Akhondi M.A**, Veisi Raygani A, Sadeghi M.R, Ghasemi J, Hodjat M. *Polymorphism in Phospholipid Hydroperoxide Glutathione Peroxides (PHGPX) gene in Iranian infertile men*. 13th Congress of Iranian Society for Reproductive Medicine. Tehran. Iran. Feb (21-23), 2007.
80. **Akhondi M.A**, Sadri Ardekani H, Heidari M. *ART a safe way for HIV infected couples*. National Congress on AIDS. Nov 28-30, 2006

81. Darvish Nia H, Sadeghi M.R, Shams Lahijani M, **Akhondi M.A.** *The effect of vitrification method on the human sperm parameters.* 14th National and 2nd International Conference of Biology. Tarbiat Modarres University. Tehran. Iran. Aug. 29-31, 2006
82. Jeddi Tehrani M, Abbasi N, Zarnani A, Dokouhaki P, Ghasemi J, **Akhondi M.A.** *The expression profile of indolamine 2, 3-dioxygenase in murine endometrium during estrous cycle.* 8th congress of Immunology & Allergy. Tehran. Iran. May 16-18, 2006
83. Arefi S, Modarresi M.H, Zarnani H, Mohammadzadeh A, **Akhondi M.A.**, Jeddi Tehrani M, Ghaffari Novin M. *Recurrent spontaneous abortions and Genetic factors.* 2nd Congress of Genetic of Diseases. Tehran. Iran. May 6-8, 2006
84. Milanifar A, Shahbazi M.H, **Akhondi M.A.**, Behjati Ardakani Z. *Addressing court permission subject of the article2 of the Act of legal aspect of embryo donation to the infertile couple.* The second Iranian Conference on Gamete & Embryo Donation in Infertility Treatment (11th Seminar of Fertility & Infertility). Tehran. Iran. Mar 2006
85. **Akhondi M.A.**, Behjati Ardakani Z, Arefi S. *Natural fertilization, IVF and the importance of Third Party Reproduction in infertility treatment.* The Second Iranian Conference on Gamete & Embryo Donation in Infertility Treatment (11th Seminar of Fertility & Infertility). Tehran. Iran. Mar 2006
86. Behjati Ardakani Z, **Akhondi M.A.**, Milanifar A, Modaberi Saber Y. *Counseling, evaluation and screening diseases and related legal & medical subject.* The Second Iranian Conference on Gamete & Embryo Donation in Infertility Treatment (11th Seminar of Fertility & Infertility). Tehran. Iran. Mar 2006
87. Shahbazi M, Milanifar A, Behjati Ardakani Z, **Akhondi M.A.** *Impressive effect of dissolution matrimony in the final stage of embryo or gamete transferring.* The Second Iranian Conference on Gamete & Embryo Donation in Infertility Treatment (11th Seminar of Fertility & Infertility). Tehran. Iran. Mar 2006
88. Abbasi Shavazi M.J, Razeghi H.B, Behjati Ardakani Z, **Akhondi M.A.** *Socio- cultural aspects of gamete and embryo donation in treatment of infertility: Case study in Tehran.* The second Iranian Conference on Gamete & Embryo Donation in Infertility Treatment (11th Seminar of Fertility & Infertility). Tehran. Iran. Mar 2006
89. Arefi S, **Akhondi M.A.**, Zonobi M, Mohammadzadeh A, Ghaffari Novin M, Tokhmechi R, Sadeghi M.R. *Value of hysteroscopy after repeated IVF failures.* 6th International Congress on Obstetrics & Gynecology. Tehran. Iran. Nov 26-29, 2005
90. Amir Jannati N, Sedgh Azar, Sadri Ardekani H, **Akhondi M.A.**, Sadeghi M.R, Talebian A. *Effect of time on antisperm antibody production in vasectomized male.* 6th International Congress on Obstetrics & Gynecology. Tehran. Iran. Nov 26-29, 2005
91. Ghaffari Novin M, Sadri Ardekani H, Amir Jannati N, Zeraati H, Akhondi M.A, Sadeghi M.R, Mobaraki M. *Comparison routine semen analysis & two sperm chromatin structure assay tests in evaluation male factor infertility.* 6th International Congress on Obstetrics & Gynecology. Tehran. Iran. Nov 26-29, 2005

92. Sadeghi M.R, **Akhondi M.A**, Ghaffari Novin M. *Sperm function tests for assessment of infertile man*. 6th International Congress on Obstetrics & Gynecology. Tehran. Iran. Nov 26-29, 2005
93. **Akhondi M.A**, Ghaffari Novin M, Sadeghi M.R, Sadri Ardekani H. *Sperm bank situation for keeping fertility: current position- future landscape*. 6th International Congress on Obstetrics & Gynecology. Tehran. Iran. Nov 26-29, 2005
94. Hodjat M, Talebian A, Ghods R, **Akhondi M.A**, Sadeghi M.R. *Detection of ubiquitin as a protein marker on the sperm surface of oligoasthenoteratozoospermia*. 8th Iranian Congress of Biochemistry and 1st Congress of Biocemistry & Mollecular Biology. Tehran. Iran. Sep 11-15, 2005
95. Naseri N, Bayat A.A, Talebian A, Ghods R, Mosafa N, Pakzad P, Jeddi Tehrani M, **Akhondi M.A**, Sadeghi M.R. *Purification of native inhibin from human follicular fluid using monoclonal antibody*. Tehran. Iran. Sep 11-15, 2005
96. Milanifar A, **Akhondi M.A**. *The necessity of keeping security regarding the genetic data of mankind*. International Congress of Bioethics. Tehran. Iran. Mar 26- 28, 2005
97. Hodjat M, Talebian A, Ghods R, **Akhondi M.A**, Shabani A, Sadeghi M.R. *Detection of defective sperms by specific antibodies against ubiquitin*. Tehran. Iran. Feb 25-26, 2005
98. Torkabadi E, Jeddi Tehrani M, Sadeghi M.R, Pakzad P, **Akhondi M.A**. *Characterization of HS80 Monoclonal antibody for detection of its antigen on the surface of human sperm*. 7th congress of Immunology & Allergy, Mashhad. Iran. May 4-7, 2004
99. Arefi S, Jeddi Tehrani M, **Akhondi M.A**, Heidari M, Bayat A.A. *Evaluation of the presence of antizona antibodies in follicular fluid of infertile women*. 10th Congress of Fertility & Infertility. Tehran. Iran. Feb 14-16, 2004
100. Torkabadi E, Zarnani A, Jeddi Tehrani M, Sadeghi M.R, Pakzad P, **Akhondi M.A**. *DNA Vaccines and Infertility*. Congress on Immunological Aspects of Fertility and Infertility. Isfahan. Iran. January 14-15, 2004
101. Torkabadi E, Zarnani A, Jeddi Tehrani M, Sadeghi M.R, **Akhondi M.A**. *Acrosome Reaction Assay by flow cytometry and comparison with triple staining and Quinacrine epifluorescence*. Congress on Immunological Aspects of Fertility and Infertility. Isfahan. Iran. January 14-15, 2004
102. Torkabadi E, Jeddi Tehrani M, Sadeghi M.R, Pakzad P, **Akhondi M.A**. *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. January 14-15, 2004
103. **Akhondi M.A**. *ELISA Method for Detection of Antisperm Antibody*. Congress on Immunological Aspects of Fertility and Infertility. Isfahan. Iran. January 14-15, 2004
104. Arefi S, Jeddi Tehrani M, **Akhondi M.A**, Heidari M, Bayat A.A. *Anti Zona Antibodies in Follicular Fluid of Infertile Women*. Congress on Immunological Aspects of Fertility and Infertility. Isfahan. Iran. January 14-15, 2004
105. Mahmoudi R, Torkabadi E, Heidari M, Ghods R, Zarnani A, **Akhondi M.A**, Parivar K, Jeddi Tehrani M, Sadeghi M.R. *Application 4F 7G7 to detect sperm surface antigens*. Congress on Immunological Aspects of Fertility and Infertility. Isfahan. Iran. January 14-15, 2004

106. **Akhondi M.A.**, Zarnani A, Sadeghi M, Talebian A. *Designing ELISA method using surface antigens for detection of antisperm antibody in comparison with Sperm Mar test* .1st National Congress on Formative & Molecular Biotechnology. Tehran University. Iran. Sep 13-14, 2003
107. Heidari M, Bayat A.A, Jeddi Tehrani M, Sadeghi M.R, **Akhondi M.A.** *Monoclonal antibody production against human surface Antigens*. 1st National Congress on Formative & Molecular Biotechnology. Tehran University. Iran. Sep 13-14, 2003
108. Torkabadi E, Mahmoudi A, Sabour Yaraghi A, Jeddi Tehrani M, Pakzad P, **Akhondi M.A.** *Characterization of monoclonal antibody for detection of its antigen on the surface of human sperm*. 1st National Congress on Formative & Molecular Biotechnology. Tehran University. Iran. Sep 13-14, 2003
109. Talebian A, Jeddi Tehrani M, **Akhondi M.A.** *Comparative study among 3 different antigen extractions from sperm surface to detect antisperm antibody by ELISA method*. 1st National Congress on Formative & Molecular Biotechnology. Tehran University. Iran. Sep 13-14, 2003
110. Heidari M, Mahmoudi A, Torkabadi E, Ghods R, Bayat A.A, Zarnani A, Sadeghi M.R, **Akhondi M.A.** *Characterization of monoclonal antibody for detection of its antigen on the surface of human sperm*. 3rd Iranian Biotechnology Symposium. Ferdowsi University. Mashhad. Iran. Sep 9-11. 2003
111. **Akhondi M.A.** *Preservation of male reproduction in patients suffering cancers*. 3 days Congress of the Society for Reproduction & Infertility. Tehran. Iran. May 28-30, 2003
112. **Akhondi M.A.**, Behjati Ardakani Z. *The necessity of original study of various dimensions of abortion in Iran*. Seminar on Study the Complete Dimensions of Abortion in Iran. Kermanshah. Iran. Feb 26-27, 2003
113. Jafar Zadeh Gh, Ghari M, Seyyed fatemi, Saremi A, Vahidi S, **Akhondi M.A.** *The necessity of information, awareness and consent in infertility treatment*. 6th Seminar on Infertility & Modern Methods in Infertility Treatment. Tehran. Iran. Mar 11-12, 2002
114. Sadeghi M.R, **Akhondi M.A.**, and Zahraei M. *Identification of common proteins between epididimal epithelium and secretion and surface of rat spermatozoa*. 6th National Congress on Biochemistry. Tehran. Iran. Oct 22-25, 2001
115. **Akhondi M.A.** *Anti Androgens*. 7th Specialized Fertility and Infertility Symposium. Tehran. Iran. Jan 30-31, 2001
116. Sadri Ardekani H, **Akhondi M.A.**, Ghaffari Novin M, Chamani Tabriz L, Arefi S, Heidari M, Koranlou R. *Environmental Factors and Infertility from viewpoint of infertility specialist*. 7th Specialized Fertility and Infertility Symposium. Tehran. Iran. Jan 30-31, 2001; p 12
117. **Akhondi M.A.**, Kormi Nouri R, Behjati Ardakani Z. *Psychological aspects of infertility from the viewpoint of infertility physicians*. 6th Specialized Fertility and Infertility Symposium. Tehran. Iran. May 2001; Abstract book: 33
118. **Akhondi M.A.** *Application of Genetics and Biotechnology in Diagnosis and treating of infertile patient*. 5th Specialized Fertility and Infertility Symposium 2000; Abstract book: 46

119. **Akhondi M.A.** *Androgens laboratory evaluations*. 4th specialized symposium on Reproductive Endocrinology and Infertility. Tehran. Iran. 2000; Abstract book: p32
120. Sadeghi M.R, **Akhondi M.A**, Zahraei M. *Purification and identification of epididymal sperm maturation factors*. 1st Iranian Medical Sciences Postgraduate Students Conference. Tehran. Iran. Aug 21-22, 2000; p79
121. **Akhondi M.A.** *Application of Biotechnology in diagnosis & treatment of infertile couples*. 5th specialized symposium on Genetics and Biotechnology of Reproduction. Tehran. Iran. 1999; Abstract book: p13-14
122. **Akhondi M.A.** *Infection and IVF Laboratory*. 3rd Specialized Fertility and Infertility Symposium. Tehran. Iran. Oct 28, 1999; p 24
123. **Akhondi M.A.** *ICSI and Male Infertility*. 2nd Seminar and 4th Workshop on Treatment of Infertility. Royan Institute. Tehran. Iran. 1998; Abstract book: 26-27
124. **Akhondi M.A.** *Treatment of non-obstructed azospermia*. 3rd Seminar and 5th Workshop on Treatment of Infertility. Royan Institute. Tehran. Iran. Dec 12-22, 1998
125. **Akhondi M.A.** *Survival of ejaculated human spermatozoa for up to 17 days after co-cultures with Human Epididymal Epithelium*. 7th Infertility Congress of Shaheed Sadughi University of Medical Science. Tehran. Iran. 1997; Abstract book: 23-4
126. **Akhondi M.A.** *Quality Control in IVF Laboratory*. 1st Seminar and 3rd Workshop on Treatment of Infertility, Royan Institute. Tehran. Iran. 1997; Abstract book: 28
127. **Akhondi M.A**, Chapple C and Moore H.D.M. *Prolonged survival of human spermatozoa incubated with epididymal epithelial cell cultures is correlated with acquisition of an androgen-dependent 44 kD epididymal protein*. Journal of Andrology. January-February 1995; (Suppl): 35
128. Moore H.D.M and **Akhondi M.A.** *Continuous CASA Evaluation of Epididymal Rat Spermatozoa: the Rate of in Vitro Fertilization is correlated with the Decline of Straight-Line Velocity*. Proceeding of 7th Spermatology Conference 1995; 8: 28
129. **Akhondi M.A.** *Androgens laboratory evaluations*. 4th Specialized Fertility and Infertility Symposium 1994; Abstract book: 39

B. International Congresses:

1. Hedayat Z, Mohammadzadeh V, Javadi H, Sadeghi M.R, **Akhondi M.A**, Sadeghitabar A, Zarnani Z. *Higher frequency of anti-thyroid antibodies in patients with recurrent spontaneous abortion may stem from impaired vitamin D3 metabolism*. 14th world congress of gynecological endocrinology. Firenze, Italy. Mar 4-7, 2010.
2. Heidari M, Maleki H, Tayebi M, **Akhondi M.A**, Sadeghi M.R, Akhondzadeh 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. Firenze, Italy. Mar 4-7, 2010.
3. Sadeghi M.R, Hodjat M, **Akhondi M.A**, Hosseini Jadda H, Arefi S, Amirjannati N, Bolourzadeh 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). Nanjing, China. Oct. 10-13, 2009.
4. Jafarian A, **Akhondi M.A**, Pezhan N, Sadeghi M.R, 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). Nanjing, China. Oct. 10-13, 2009.
 5. Lakpour N, Sadeghi M.R, Kharrazi H, Hodjat M, **Akhondi M.A**, 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). Nanjing, China. Oct. 10-13, 2009.
 6. Mirfeizollahi A, Sadeghi M.R, **Akhondi M.A**, Hodjat M, Farivar S.H, Modaresi M.H. *GSTMI and GSTP1 genes polymorphisms and glutathione S-transferase activity in Iranian infertile men.* The proceedings of the Third Asia-Pacific Forum on Andrology (3APFA). Nanjing, China. Oct. 10-13, 2009.
 7. Raigani M, Sadeghi M.R, Yaghmaei B, Rabbani H, **Akhondi M.A**, Lakpour N, Hodjat M, 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). Nanjing, China. Oct. 10-13, 2009.
 8. Sabetian S, Sadeghi M.R, **Akhondi M.A**, 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). Nanjing, China. Oct. 10-13, 2009.
 9. Savadi Shirazi E., Sadeghi M.R, Talebi S, Edalatkhah H, Rabbani H, **Akhondi M.A**, Asgharpour L, Beyk B. *The relationship between the mRNA levels of spermiogenesis specific genes (PRMI, PRM2 & TNP2) and normal morphology of mature sperm.* The proceedings of the Third Asia-Pacific Forum on Andrology (3APFA). Nanjing, China. Oct. 10-13, 2009.
 10. Zarei S, Jeddi-Tehrani M, Zeraati H, Ramezankhani A, Alizadeh A.M, Kheirkhah T, Bonakdar S, Pourheidari F, Tavangar B, **Akhondi M.A**, Shokri F. *Comparative immunogenicity of two cellular DTP vaccines in Iranian preschool children.* 2nd European Congress of Immunology. Berlin. Germany. Sep 13-16, 2009.
 11. Ardekani A.M, Jabbari S, Sadeghi M.R, Amirjannati N, Habibi A.E, Lakpour N, Hodjat M, **Akhondi M.A**. *Phosphoproteomic pattern in normozoospermic and infertile teratozoospermic men.* HUPO 2009 World Congress. Toronto. Canada. Sep 26-30, 2009.
 12. Milanifar A.R, **Akhondi M.A**. *In defense of truth telling in medicine.* 10th Asian Bioethics Conference & Fourth UNESCO Asia-Pacific School of Ethics Roundtable. Tehran. Iran. Apr 26-29, 2009.
 13. Shahbazi M, Jeddi-Tehrani M, Salek-Moghaddam A, Kalantari A, Ghasemi J, Rezania S, Moravvej A, Kazemi-Sefat Gh, **Akhondi M.A**, Zarnani A.H. *Profiling of murine vitamin D receptor in reproductive organs during different stages of estrous cycle and pregnancy.* VIth European Congress of Reproductive Immunology. Moscow, Russia. Jun 30-Jul 3, 2008.
 14. Aslani F, Sadeghi M.R, Modaresi M.H, **Akhondi M.A**, Hodjat M. *Germ Cell specific transcripts in semen: non- invasive molecular markers.*

- International Workshop Molecular Andrology. Altes Schloss Giessen, Germany. 8-10 May, 2009.
15. Heidari M, Amiri F, Sadeghi M.R, **Akhondi M.A.** *Evaluation of the effects of Rosmarinus officinalis extract on the reproductive system of male rats.* International Workshop Molecular Andrology. Altes Schloss Giessen, Germany. 8-10 May, 2009.
 16. Heidari M., Jamsedi A.H, Ghaffari M, Sadeghi M.R, **Akhondi M.A,** Ghazi Khansari M. *Evaluation antifertility effect of crude extract on of Centella Asiatica on male rat In Vivo.* 14th Annual Meeting of MEFS. Antalya. Turkey. Oct 31-Nov. 3, 2007.
 17. Ghaffari Novin M, Heidari M, **Akhondi M.A,** Jeddi Tehrani M. *Human chorionic gonadotrophin-B secretion of human embryo and its role in implantation in vitro.* . 14th Annual Meeting of MEFS. Antalya. Turkey. Oct 31-Nov. 3, 2007.
 18. Sadeghi M.R, Lakpour N, Kharrazi H, Jafarian A, Hodjat M, Savadi Shirazi E, **Akhondi M.A,** Modaresi M.H. *Relationship between oxidative stress and sperm DNA damage in men of normozoospermia and abnormal sperm parameters.* 14th Annual Meeting of MEFS. Antalya. Turkey. Oct 31-Nov. 3, 2007.
 19. Sadeghi M.R, Hodjat M, **Akhondi M.A,** Mobaraki M, Savadi Shirazi E. *the predictive value of four different sperm chromatin assays for the outcome of ICSI.* 14th Annual Meeting of MEFS. Antalya. Turkey. Oct 31-Nov. 3, 2007.
 20. Aarabi M, Soltanghoreae H, Amirjannati N, Sadeghi M.R, Sadri Ardekani H, **Akhondi M.A,** Modarresi M.H. *Testicular expression of testis specific gene A10(TSGA10) mRNA in patients with non-obstructive azoospermia.* 7th Congress of the European Society of Gynecology. Paris. France. Oct. 10-13, 2007.
 21. Aarabi M, Soltanghoreae H, Amirjannati N, Sadeghi M.R, Sadri Ardekani H, **Akhondi M.A.** *Testicular expression of NYD-SP5 mRNA in patients with non-obstructive azoospermia.* 7th Congress of the European Society of Gynecology. Paris. France. Oct. 10-13, 2007.
 22. Shokri F, Zarei S, Jeddi Tehrani M, **Akhondi M.A,** Zeraati H, Kheirkhah T, Ghazanfari M. *Immunogenicity of a triple diphtheria – tetanus-whole cell pertussis vaccine in Iranian preschool children.* International Union against Tuberculosis & Lung Diseases, 1st Asia Pacific Region (IUATLD-APR) Conference 2007. Kuala Lumpur. Malaysia. 2-5 Aug. 2007.
 23. Akbarzadeh Najar R, **Akhondi M.A,** Jeddi Tehrani M, Sadeghi M.R, Sadri Ardekani H, Javadi E. *The effect of spermatogonial stem cell transplantation of neonatal donor mice and hcg hormone on germ cell proliferation in recipient mice.* 23rd Annual Meeting of ESHRE. Lyon. France. 1-4 July, 2007.
 24. Chamani-Tabriz L, Jeddi-Tehrani M, **Akhondi M.A,** Mosavi-Jarrahi A, Zeraati H, Ghasemi J, Asgari S, Kokab A, Eley A.R. *Chlamydia trachomatis prevalence in Iranian women attending obstetrics and gynecological clinic.* 5th European Congress on Tropical Medicine and International Health. Amsterdam. The Netherlands. May 24-28, 2007.
 25. Jahanbakht H, Parivar K, **Akhondi M.A,** Sadeghi M.R, Jeddi Tehrani M, Modarresi M. H. *The effect of NGF on differentiation of mouse embryonic stem cells to nervous system cells with study on neural specific genes expression.* A Joint Meeting of the Genetics Society and the Societies of the

- Cell and Developmental Biology Heriot Watt University. Edinburg. Scotland. 29th Mar- 1st Apr 2007
26. Safarpour E, Parivar K, Sadeghi M.R, **Akhondi M.A**, 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*. A Joint Meeting of the Genetics Society and the British Society for Cell and Developmental Biology. Heriot Watt University. Edinburg. Scotland. 29th Mar- 1st Apr 2007
 27. **Akhondi M.A**. *The effect of human Gonadotropin on germ cells maturation and testosterone secretion in testis*. 4th European Congress of Andrology. Dec7-10, 2006
 28. Mohammadzadeh A, Heidari M, Soltanghoreae H, Jeddi Tehrani M, Zarnani A.H, **Akhondi M.A**, Zaraqaty A. *Evaluation of the effect of pentoxifylline on the growth of endometriotic implants and WBC count in serum and peritoneal fluid in female rats*. Indo-French Congress on Gynecologic Endoscopy, Infertility and Ultrasound. Varanasi. India. Nov 23-26, 2006
 29. Nouri M, Ghaffari Novin M, Heidari M, Sadeghi M.R, **Akhondi M.A**. *Study of attachment and invasion of human embryo in vitro*. Indo-French Congress on Gynecologic Endoscopy, Infertility and Ultrasound. Varansia. India. Nov 23-28, 2006
 30. Arefi S, **Akhondi M.A**, Zonobi M, Mohammadzadeh A, Ghaffari M, Tokhmechi M, Sadeghi M.R. *The value of hysteroscopy in patients having failed VF/ICSI transfer cycles*. XVIII FIGO World Congress of Gynecology and Obstetrics. Kuala Lumpur. Malaysia. 5-10 Nov, 2006
 31. Zarnani A.H, Kalantari A, Shojaeeian J, Gharebaghian A, Ghods R, Mahmoudi A.R, Bayat A.A, **Akhondi M.A**, Jeddi Tehrani M. *Simultaneous Pulsing of Detritic Cells with tumor Antigen and a Third- party antigen: A Novel Approach for Enhancing Presentation of Tumor Antigens by Dendritic*. 1st Mediterranean Workshop on Clinical Immunology in Evora (Portugal). Oct 25-29, 2006
 32. Arefi S, **Akhondi M.A**, Tokhmechi R, Sadeghpour Tabaei A. *Laparoscopic ovarian drilling (LOD) in metformin- resistant with polycystic ovary syndrome (PCO)*. 12th World Congress of Gynecological Endocrinology. Florence. Italy. March 2-5, 2006
 33. Hodjat M, Sadeghi M.R, **Akhondi M.A**, Ghaffari Novin M. *Increased sperm ubiquitination correlate with routine semen analysis parameters*. 22nd Annual Meeting of the ESHRE. Prague. Czech Republic. June 18-21, 2006
 34. Aarabi M, Soltanghoreae H, Aarabi M, Amirjannati N, **Akhondi M.A**, Modarresi M.H. *Testicular expression of synaptonemal complex protein 3 (SYCP3)mRNA in 110 patients with non-obstructive azoospermia*. 22nd Annual Meeting of the ESHRE. Prague. Czech Republic. June 18-21, 2006
 35. Darvishnia H, Sadeghi M.R, Shams Lahijani M, **Akhondi M.A**, Hodjat M. *Effect of different cryopreservation methods and cryoprotectants on human spermatozoa*. 22nd Annual Meeting of the ESHRE. Prague. Czech Republic. June 18-21, 2006
 36. Sadri Ardekani H, **Akhondi M.A**, Talebian A, Bolourzadeh M, Sadeghi M.R. *The assessment and comparison of different media and methods of sperm cryopreservation*. 14th European Workshop on Molecular and Cellular Endocrinology of the testis. Prague. Czech Republic. April 22-26, 2006

37. Sadeghi M.R, Hodjat M, Talebian A, Ghaffari Novin M, Sadri Ardekani H, **Akhondi M.A.** *Sperm ubiquitination as a function test correlates with semen parameters.* International Workshop Molecular Andrology. Altes Schloss. Giessen. Germany. Oct 7-9, 2005
38. Sadri Ardekani H, Mobaraki M, Amir Jannati N, Zeraati H, Ghaffari Novin M, **Akhondi M.A.**, Sadeghi M.R. *Comparison of semen parameters and two sperm chromatin structure assay tests for routine diagnostic evaluation male factor infertility.* International Workshop Molecular Andrology. Altes Schloss. Giessen. Germany. Oct 7-9, 2005
39. Arefi S, Jeddi Tehrani M, **Akhondi M.A.**, Mousavi J.R. Heidari M, Bayat A.A. *Anti-Zona pellucida antibodies in infertile patients in relation to multiple IVF attempts and unexplained infertility.* The 7th World Congress on Controversies in Obstetrics Gynecology & Infertility. Athens. Greece. April 14-17, 2005
40. Sadri Ardakani H, **Akhondi M.A.**, Sadeghi M.R, Bayat A.A, Torkabadi E, Jeddi Tehrani M. *Production of monoclonal antibody against surface antigens of human spermatozoa.* 3rd European Congress of Andrology and the 16th Congress of the Germany Society of Andrology. Munster. Germany. Sep 11-14, 2004
41. Modarressi M.H, Behjati R, **Akhondi M.A.**, et al. *Genetics diagnosis of risk factors in cardiovascular diseases.* Workshop on "Application of Advanced Molecular Methods for Diagnosis of Human Genetic Diseases ". Tehran. Iran. Sep 13-17, 2004
42. Sadeghi M.R, Talebian A, Jalali M, **Akhondi M.A.** *An ELISA method for detection of antisperm antibody.* 12th International Congress of Immunology and the 4th Annual Conferences of FOCIS. Montreal. Quebec. Canada. July 18-23, 2004
43. Torkabadi E.M., Jeddi Tehrani M, Sadeghi M.R, **Akhondi M.A.**, Pakzad P. *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 Conferences of FOCIS. Montreal. Quebec. Canada. July 18-23, 2004
44. Torkabadi E, Jeddi Tehrani M, Sadeghi M.R, **Akhondi M.A.** *Acrosome reaction assay by flow cytometry and comparison with triple staining and quinacrine epifluorescence.* 12th International Congress of Immunology and the 4th Annual Conferences of FOCIS. Montreal. Quebec. Canada. July 18-23, 2004
45. Arefi S, Jeddi Tehrani M, **Akhondi M.A.**, Heidari M, Bayat A.A. *Evaluation of the presence of anti zona antibodies in follicular fluid of infertile women.* IFFS 18th World Congress on Fertility Sterility. Montreal. Canada. May 23-28, 2004
46. Jeddi Tehrani M, Sadeghi M R, Talebian A, **Akhondi M.A.**, Jalali M. *Comparison ELISA and spermmar test for measurement of antisperm antibody: Case report.* The 1st International Cancer of Center Genetics, the 3rd Joint Meeting of the British Andrology Society. British. Scotland. Dec 13-16, 2003
47. Ghaffari Novin M, **Akhondi M.A.**, Heidari M, Rezaie A. *Co-Culture of human embryos with polarized and unpolarised fallopian tube epithelial cells.* 19th Annual Meeting of the ESHRE (European Society of the Human Reproduction and Embryology). Madrid. Spain. June 29- July 2, 2003

48. Heidari M, **Akhondi M.A**, Ghaffari Novin M. *Matrigel enhances in vitro blastocyst formation in human embryo*. 19th Annual Meeting of the ESHRE (European Society of the Human Reproduction and Embryology). Madrid. Spain. June 29- July 2, 2003
49. Nouri M, Ghaffari Novin M, **Akhondi M.A**, Heidari M. *Matrigel enhances in vitro blastocyst formation in human embryo*. 4th COGI Congress, (COGI: Controversies in Obstetrics, Gynecology & Infertility). Berlin. Germany. April 24-27, 2003
50. Heidari M, Rezaie A, Ghaffari Novin M, **Akhondi M.A**. *Effects of different culture media on fallopian tube epithelial cell and human embryo development*. 4th COGI Congress, (COGI: Controversies in Obstetrics, Gynecology & Infertility). Berlin. Germany. April 24-27, 2003
51. Ghaffari Novin M, **Akhondi M.A**, Heidari M, Rezaie A. *Co-Culture of human embryos with polarized and unpolarised fallopian tube epithelial cells*. 4th COGI Congress, (COGI: Controversies in Obstetrics, Gynecology & Infertility). Berlin. Germany. April 24-27, 2003
52. Ghaffari Novin M, **Akhondi M.A**, Heidari M. *Matrigel enhances in vitro blastocyst formation in human embryo*. Cambridge. UK. 2002
53. Akhondi M.A, Behjati Ardakani Z, Kormi Nouri R. *Psychological aspects of infertility from viewpoint of infertility treating physicians*. IC Infertility. 2002
54. Ghaffari Novin M, **Akhondi M.A**, Warren M.A. *Effects of steroid hormone supplementation on ultra structure and function of human polarized endometrial epithelial cells in vitro*. 17th Annual Meeting of the ESHRE. Lausanne. Switzerland. July 1-4, 2001
55. Sadeghi M.R, **Akhondi M.A**, Zahraie M. *Identification of rat epididymal secretory proteins with essential role in fertilization*. 17th Annual Meeting of the ESHRE. Lausanne. Switzerland. July 1-4, 2001
56. Sadeghi M.R, **Akhondi M.A**, Zahraie M, Baharvand H. *Secreted 20 kD Protein from Rat Epididymal Epithelium has an Critical Role in Fertilization*. Joint UK Fertility Societies Meetings. Edinburgh. July 31-Aug 2, 2000
57. Ghaffari Novin M, **Akhondi M.A**, Nouri M and Warren M.A. *Effects of artificial extra cellular matrix on function and morphology of human endometrial epithelial cells in vitro*. 16th European Society of Human Reproduction and Embryology (ESHRE). Bologna. Italy. 2000
58. **Akhondi M.A**, Sadeghi M.R and 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). Bologna. Italy. 2000
59. **Akhondi M.A**. *Successful Fertilization, Pregnancy and birth after late (46 hours) Intracytoplasmic Sperm Injection and late (120 hours) embryo transfer of failed fertilized oocyte: case report*. Middle East Fertility Society. MEFS Annual meeting in Amman 1998
60. **Akhondi M.A**, Karimian L and et al. *Late Intracytoplasmic Sperm Injection of Failed-Fertilized Oocytes*. Middle East Fertility Society Journal 1997; 2:56
61. **Akhondi M.A** and More H.D.M. *Maturation of Rat Sperm Motility. Development of Sperm Motility Patterns in Rat Epididymis*. Middle East Fertility Society Journal 1997; 2:59

XI- Thesis Supervision:

- 1- Hormozi M. Study of the effects of Adenosin and Melilotus officinalis on apoptosis, expression of angiogenesis factors (VEGF and Angiopoetin) and angiogenesis in human ovarian cortex after transplantation in nude mice. Supervisor, PhD degree, 2010.
- 2- Alizadeh H. Transferring GFP gene to mouse sperm, Supervisor, MSc degree, 2009.
- 3- Jabbari S. Phosphoproteome analysis of sperm cells in normospermic and terutospermic, Advisor, MSc degree, 2009.
- 4- Raygani M. Effect of folic acid and zinc sulfate supplement of sperm function sperm in subfertile male, Advisor, MSc degree, 2009.
- 5- Abadi M. Study of a suitable protocol for cryopreservation of human ovarian, MSc degree, Supervisor, 2009.
- 6- Dehghan Marvest L. Testing for Chlamydia trachomatis and/or Mycoplasma genitalium including serology to determine pregnancy rates in infertile couples from Tehran, Supervisor, PhD degree, 2008.
- 7- Mohammad-Ali E. Spermatogonial stem cell isolation and culture from Balb/c mouse testis, Supervisor, MSc degree, 2008.
- 8- Jafarian A. Assessment the simultaneous & separated effects of human follicular stimulating hormone & estradiol spermatogenesis induction, Supervisor, MSc degree, 2008.
- 9- Sabetian-Fard S. Identification of suitable biochemical markers for spermatogenesis in seminal plasma of azospermic men, Advisor, MSc degree, 2007.
- 10- Hosein Zadeh F. Isolation, culture & characterization of spermatogonial stem cell in mouse testis, Supervisor, MSc degree, 2007.
- 11- Savadi Shirazi E. Examination of sperm's mRNA contain and relation between it and hormonal sperm's fertility and functional parameters, Advisor, MSc degree, 2007.
- 12- Fazeli F. The effect of Vitrification on mouse oocytes, Supervisor. MSc degree, 2007.
- 13- Bagheri Pour A. Investigation of interactive role of body image and fertility status on Tehran male psycho-social development in men, Supervisor, MSc degree, 2006.
- 14- Akbarzadeh Najar R. The study of androgenic hormones on spermatogenesis induction after spermatogonial stem cell transplantation in Azoospermic mouse model, Supervisor, MSc degree, 2006.
- 15- Aslani F. Identification of molecular markers of spermatogenesis in semen of non-obstructive azospermic men, Advisor, MSc degree, 2006.
- 16- Razeghi H.B. Socio-cultural and demography aspect of infertility: Case study in Tehran, Supervisor, MSc degree, 2005.
- 17- Lakpour N. Study of mutations in glutathione peroxidase-4 gene and oxidative stress in infertile men with defective sperm parameters, Advisor, MSc degree, 2005.
- 18- Sheikhlou A. Characterization of monoclonal antibodies against human sperm surface antigens, MSc degree, 2005.
- 19- Darvish Nia H. Comparison the effect of two methods of cryopreservation including vitrification cryo and cryo in liquid nitrogen on motility, DNA

- breaking and sperm spontaneous acrosomal reaction, Advisor, MSc degree, 2005.
- 20- Mohseni Nodehi S. Production of monoclonal antibody for identification of human adult stem cell markers, Advisor, MSc degree, 2005.
 - 21- Jahanbakht H. Production culture of human embryonic stem cells in order to study isorvay of never growth factor and retinoic acid and sonic hedge hog developmental effects, Supervisor, Ph.D degree, 2005.
 - 22- Hodjat M. Production and purification of anti-ubiquitin antibody for detection of defective spermatozoa in infertile male .Advisor, MSc degree, 2005.
 - 23- Merghati T. Assessment of ART techniques from legal and Islamic Juridical viewpoint. Advisor. PhD degree. 2005.
 - 24- Talebian A. Elisa kit design for quantitative measurement of antisperm antibodies in serum and seminal fluid, Advisor, MSc degree, 2003.
 - 25- Torkabadi E. Detection and purification of human sperm surface antigens using monoclonal antibodies and its effect on motility, capacitation and acrosome reaction, Supervisor, MSc degree, 2003.
 - 26- Purification & characterization of epididymal sperm maturation factors, Supervisor, PhD degree, 2000.
 - 27- Sammak L. Cytogenetic analysis of two cells embryo in IVF, Advisor, MSc degree, 1999.
 - 28- Oghdaee F. Cytogenetic analysis of unfertilized human oocytes after IVF, Advisor, MSc degree, 1999.
 - 29- Parvizi Sh. Effects of Urografin 76% on Spermatogenesis in Mice, Advisor, MSc degree, 1998.