CURRICULUM VITAE (CV)



PERSONAL INFORMATION:

First name: Iman Surname: Halvaei D.O.B: 1982 Sex: Male

Status: Married **Nationality:** Iranian **Current Position:** PhD in Reproductive Biology

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EDUCATION AND QUALIFICATION

B.Sc, Nursing, 2005, Shahroud University of Medical Sciences, Shahroud, Iran.

M.Sc, Medical Physiology, 2010, Tehran University of Medical Sciences, Tehran, Iran.

PhD, Reproductive Biology, 2015, Shahid Sadoughi University of Medical Sciences, Yazd, Iran.

Training in the acquisition of skills and competences related to the use of light, transmission and scanning electron microscopy applied to morphological studies on cells and organs of the female and male reproductive systems in humans under supervision of Professor Stefania A. Nottola in the Electron Microscopy Unit of the Department of Anatomy, Histology, Forensic Medicine and Orthopaedics - Section of Human Anatomy, Faculty of Pharmacy and Medicine, University of Rome La Sapienza, July 2015.

CLINICAL EXPERIENCE

- Clinical embryologist at Shafa IVF clinic, Khorram-Abad, Iran (2016-2017).
- Adviser in setting up of Moluod IVF clinic, Zahedan, Iran.

TEACHING EXPERIENCE

- Medical physiology (coarse), Tehran University of Medical Sciences, 2009, Tehran.
- Medical physiology (lab), Tehran University of Medical Sciences, 2007-2009, Tehran.
- Clinical embryology (lab), Yazd Institute for Reproductive Sciences, Shahid Sadoughi University of Medical Sciences, 2011, Yazd.
- Developing preimplanting embryo (lab), Yazd Institute for Reproductive Sciences, Shahid Sadoughi University of Medical Sciences, 2011, Yazd.
- Gamete and embryo cryopreservation (lab), Yazd Institute for Reproductive Sciences, Shahid Sadoughi University of Medical Sciences, 2011, Yazd.

- Morphology and maturation of oocyte (coarse), Yazd Institute for Reproductive Sciences, Shahid Sadoughi University of Medical Sciences, 2011, Yazd.
- General and specific embryology (coarse and lab), Department of Anatomical Sciences, Tarbiat Modares University, Tehran (from 2015)
- IVF in mouse (coarse and lab), Department of Anatomical Sciences, Tarbiat Modares University, Tehran (from 2016)
- Developing preimplanting embryo (lab), Department of Anatomical Sciences, Tarbiat Modares University, Tehran (from 2016)
- Quality control in ART clinics (lab), Department of Anatomical Sciences, Tarbiat Modares University, Tehran (from 2016)
- Cryobiology in ART, Department of Anatomical Sciences, Tarbiat Modares University, Tehran (from 2016)
- ART (lab), Department of Anatomical Sciences, Tarbiat Modares University, Tehran (from 2016)
- Embryology and developmental biology (coarse and lab), Department of Anatomical Sciences, Tarbiat Modares University, Tehran (from 2017)
- Endocrinology (coarse), Department of Anatomical Sciences, Tarbiat Modares University, Tehran (from 2017)
- Advanced techniques in infertility treatment (lab), Department of Anatomical Sciences, Tarbiat Modares University, Tehran (from 2017)
- Histology of endocrine system (coarse), Department of Anatomical Sciences, Tarbiat Modares University, Tehran (from 2017)

LINES of RESEARCH INTEREST

• Clinical embryology, andrology, oocyte morphology, quality control, ethics.

TECHNICAL EXPERIENCES

• Clinical:

Semen Analysis, Sperm Function Tests, Sperm Chromatin Integrity Assays, IUI, IVF, IVM, ICSI, Culture Media Preparation, ART Lab Quality Control, Cryopreservation, Oocyte & Embryo Manipulations.

• Experimental:

Animal Surgery, Plant Extraction, Experimental IVF & Embryology.

EXECUTIVE EXPERIENCES

- 10th national and 3rd international congress of biochemistry and molecular biology, Tehran University of Medical sciences, Nov 2009, Tehran, Iran.
- 4th international congress and studental awards in Reproductive Medicine, Yazd Institute for Reproductive Sciences, Shahid Sadoughi University of Medical Sciences, Apr 2011, Yazd, Iran.
- Director of weekly journal club in Yazd Institute for Reproductive Sciences, since Apr 2012.
- 2nd national symposium on Biology of Reproduction, Yazd Institute for Reproductive Sciences, October 2012
- 5th international congress and student awards in Reproductive Medicine, Yazd Institute for Reproductive Sciences, Shahid Sadoughi University of Medical Sciences, Apr 2013, Yazd, Iran.
- Member of scientific and executive committee of biology summer school of Yazd Institute for Reproductive Sciences, 2013
- Head of student committee of Iranian Society of Reproductive Medicine (2013-2015)
- Member of the performance review committee (2012-2014)
- Member of working group on Reproductive Biology and Stem cells (from 2014)

- Executive manager of ISERB workshops (2017)
- Member of the board of directors of the ISERB (3rd) (from 2018)

WORKSHOP

Attendance:

A-National:

- Sperm preparation for ART, Vali-e-Asr Research Centre for Reproductive Health, Tehran University of Medical Sciences, Dec. 2010, Tehran, Iran.
- Introduction to extraction techniques in plants, Shahed University of Medical Sciences, Nov. 2010, Tehran, Iran.
- Patent, Tehran University of Medical Sciences, Nov. 2009, Tehran, Iran.
- Research methodology, Tehran University of Medical Sciences, Feb. 2009, Tehran, Iran.
- SPSS, Tehran University of Medical Sciences, Nov. 2007, Tehran, Iran.
- Using electronic source of digital library, Tehran University of Medical Sciences, Nov. 2007, Tehran, Iran.
- Scientific writing, Tehran University of Medical Sciences, Jan. 2008, Tehran, Iran.
- End note, Tehran University of Medical Sciences, Nov. 2008, Tehran, Iran.
- Calculation of sample volume in health studies, Tehran University of Medical Sciences, Jul. 2010, Tehran, Iran.
- In-vitro maturation of human oocytes, Research and Clinical Centre for Infertility, Shahid Sadoughi University of Medical Sciences, Sep. 2010, Yazd, Iran.
- Scientific writing in reproductive medicine. Research and Clinical Centre for Infertility, Shahid Sadoughi University of Medical Sciences, Aug. 2012, Yazd, Iran.

B-International:

 Clinical embryology (supervised by Dr. Moser, M.), Research and Clinical Centre for Infertility, Shahid Sadoughi University of Medical Sciences, Apr. 2011, Yazd, Iran.

Lecturer:

- In-vitro maturation of human oocytes, Research and Clinical Centre for Infertility, Shahid Sadoughi University of Medical Sciences, Sep. 2010, Yazd, Iran.
- Evaluation of gametes in laboratory mouse, Research and Clinical Centre for Infertility, Shahid Sadoughi University of Medical Sciences, July. 2011, Yazd, Iran.
- IVF in mouse. Staff management in QC of IVF clinics. Research and Clinical Centre for Infertility, Shahid Sadoughi University of Medical Sciences, Jul. 2011, Yazd, Iran.
- Staff management in QC of IVF clinics. Research and Clinical Centre for Infertility, Shahid Sadoughi University of Medical Sciences, Dec. 2011, Yazd, Iran.
- Scientific writing and critical appraisal. Staff management in QC of IVF clinics. Research and Clinical Centre for Infertility, Shahid Sadoughi University of Medical Sciences, Dec. 2011, Yazd, Iran.
- Cryopreservation of mouse oocytes and embryos. Research and Clinical Centre for Infertility, Shahid Sadoughi University of Medical Sciences, Sep. 2012, Yazd, Iran.
- Endnote, Tarbiat Modares University, Tehran, Iran (from 2016).
- SPSS, Tarbiat Modares University, Tehran, Iran (from 2016).
- Embryo selection using non-invasive methods. Research and Clinical Centre for Infertility, Shahid Sadoughi University of Medical Sciences, Apr. 2015, Yazd, Iran.
- Sperm analysis. Tarbiat Modares University, Tehran, Iran (2016).

- Sperm freezing. Tarbiat Modares University, Tehran, Iran (2016).
- Gamete and embryo cryopreservation. Akbar Abadi hospital, Tehran, Iran (2017).
- Sperm DFI. Tarbiat Modares University, Tehran, Iran (2017).
- Sperm comet assay. Tarbiat Modares University, Tehran, Iran (2017).

ABSTRACTS

A-National congresses

- Halvaei I. Therapeutic interventions in diabetic retinopathy. 4th seminar of knowledge and health. Shahroud University of Medical Sciences, Nov 2004, Shahroud, Iran. (P)
- Sohrabipour Sh, Halvaei I. Role of Na Channels in children epilepsy. 9th congress of Iranian children nerves. Hormozgan University of Medical Sciences, Jan 2010, Bandar-abbas, Iran. (P)

B-International congresses

- Halvaei I, Sohrabipour Sh. Herbal medicine and male contraception. 16th national and 1st international congress in Reproductive Medicine. Shiraz University of Medical Sciences organized by Iranian Society for Reproductive Medicine, March 2010, Shiraz, Iran. (P)
- Follicular astresia, Sohrabipour, Sh., Halvaei, I. The 16th national and 1st international congress on reproductive medicine, Shiraz University of medical sciences, Shiraz, Iran; Iranian Society for Reproductive Medicine. March 2010. (O)
- Sohrabipour Sh, Halvaei I. Ethics in Stem Cell. 16th national and 1st international congress in Reproductive Medicine. Shiraz University of Medical Sciences organized by Iranian Society for Reproductive Medicine, March 2010, Shiraz, Iran. (P)
- First polar body (PB) morphology does not predict rates of fertilization and embryo development in ICSI cycles. Halvaei I, Khalili MA, Soleimani M, Razi MH.- The 17th annual meeting of the Middle East Fertility Society-Damascus, Syria- October 2010.(O)
- Correlation between immature oocytes counts and rates of oocytes count and rates of oocyte
 maturity, fertilization and embryo development in ICSI cycles. Halvaei I, Khalili MA, Razi
 MH, Soleimani M. The 4th Yazd International Congress and Student award in Reproductive
 Medicine-Yazd, Iran- April 2011.(O)
- Halvaei I, Khalili MA. Role of oocyte morphology on ART outcome. 11th Royan International Congress on Reproductive Biomedicine. Sep 2010, Tehran, Iran. (P)
- Halvaei I, Khalili MA, Soleimani M, Razi MH. Does maternal age have any effect on the rates of fertilization and ICSI development in ICSI cycles? 17th national and 2nd international congress in Reproductive Medicine. Iranian Society for Reproductive Medicine, March 2011, Tehran, Iran. (P)
- Which one is better for incubation of spermatozoa after preparation: incubator or room temperature? Iman Halvaei, Mohammad A. Khalili, Azam Agha-Rahimi, Sareh Ashourzadeh, Mehdi Mohsenzadeh. II.Congress of Society of Clinical Embryology (KED) _23-25 Sep 2011_Hilton Dalaman Serigerme, Turkey. (P)
- Evaluation of in vitro maturation of immature human oocytes in women under 30 years-old and over 30 years-old after vitrification._ Mehdi mohsenzadeh, Mohammad A. Khalili, Iman Halvaei, Aliyar pirouzi. II.Congress of Society of Clinical Embryology (KED)_23-25 Sep 2011_Hilton Dalaman Serigerme, Turkey. (P)
- Does addition of antibiotics to sperm culture media improve sperm quality?_, Sareh Ashourzadeh, Mohammad A. Khalili, Azam Agha-Rahimi, Iman Halvaei, Jalal Ghasemzadeh. II.Congress of Society of Clinical Embryology (KED)_23-25 Sep 2011_Hilton Dalaman Serigerme, Turkey. (P)
- Comparison of sperm preparation techniques: single and double layers density gradient._ Azam Agha-Rahimi, Sareh Ashourzadeh, Mohammad A. Khalili, Iman Halvaei, Jalal

- Ghasemzadeh. II.Congress of Society of Clinical Embryology (KED)_23-25 Sep 2011_Hilton Dalaman Serigerme, Turkey. (P)
- Comparison of two different embryo loading techniques for embryo transfer in IVF/ICSI cycles. Halvaei I, Khalili MA, Razi MH, Agha-Rahimi A, Nottola SA. 18th national and 3rd international congress in Reproductive Medicine. Iranian Society for Reproductive Medicine, April 2012, Tabriz, Iran. (P)
- The effect of the Pentoxifylline on human sperm DNA fragmentation. Ghasemi Esmail Abad S, Khalili MA,Talebi AR, Halvaei I. 13th Royan International Congress on Reproductive Biomedicine. 5-7 September 2012. Tehran, Iran. (P)
- Effect of centrifugation tube on sperm recovery rate. Halvaei I, Nabi A, Khalili MA. 19th annual meeting of the Middle East Fertility Society- Dubai, U.A.E.- 3-5 October 2012. (P)
- Addition of serum albumin to culture media improves human sperm recovery. Nabi A, Halvaei I, Khalili MA. 19th annual meeting of the Middle East Fertility Society- Dubai, U.A.E.- 3-5 October 2012. (P)
- Swim-up preparation method can select spermatozoa with more DNA integrity. Nabi A, Halvaei I, Khalili MA. 19th annual meeting of the Middle East Fertility Society- Dubai, U.A.E.- 3-5 October 2012. (P)
- Evaluation of morphology of immature human oocytes after vitrification and IVM. Mohsenzadeh M, Khalili MA, Halvaei I, Pirouzi A. 19th annual meeting of the Middle East Fertility Society- Dubai, U.A.E.- 3-5 October 2012. (P)
- The effect of in-vitro application of Pentoxifylline on human sperm DNA integrity. Ghasemi Esmail Abad S, Khalili MA,Talebi AR, Halvaei I. 19th annual meeting of the Middle East Fertility Society- Dubai, U.A.E.- 3-5 October 2012. (P)
- Antimullerian hormone measurement in cryptorchidism men does not improve clinical male infertility diagnostics. Hamid Reza Sadeghipour, Hamed Fanaei, Iman Halvaei, Mohammad Ali Sedighi Gilani. The 5th International Congress of Laboratory & Clinic. January 15-18, 2013, Tehran, Iran. (P)
- Effect of time interval between sperm exposure with PVP on fertilization and embryo development in human. Golestan Jahromi M, Khalili MA, Halvaei I. The 5th Yazd International Congress and Student award in Reproductive Medicine-Yazd, Iran- April 19-21-2013. (P)
- Evaluating the role of silver nanoparticles on acrosomal reaction and spermatogenic cells in rat. Miresmaeili SM, Halvaei I, Fesahat F, Fallah A, Nikonahad N, Taherinejad A. The 5th Yazd International Congress and Student award in Reproductive Medicine-Yazd, Iran-April 19-21-2013. (P)
- Predicting value of high magnification sperm morphology evaluation in ICSI outcome. Ghazali Sh, Talebi AR, Khalili MA, Soleimani M, Razi MH, Halvaei I, Nabi A. The 5th Yazd International Congress and Student award in Reproductive Medicine-Yazd, Iran- April 19-21-2013. (P)
- Sarcotoxin Pd, a new antimicrobial and spermicidal peptide from the insect paederus dermatitis. Zare-Zardini H, Halvaei I, Nabi A, Fesahat F. The 5th Yazd International Congress and Student award in Reproductive Medicine-Yazd, Iran-April 2013. (O)
- Human sperm incubation at 37C: Effect of time intervals on sperm DNA fragmentation using TUNEL test. Nabi A, Halvaei I, Khalili MA. Iranian Journal of Reproductive Medicine, Vol. 11, No. 5, Suppl. 2, May 2013.
- Globozoospermic samples showed high rates of sperm chromatin abnormalities. Ghasemzadeh J, Talebi AR, Khalili MA, Halvaei I. Iranian Journal of Reproductive Medicine, Vol. 12, No. 6, Suppl. 1, Jun 2014.
- Is there any difference between commercial and home-made culture media on human sperm parameters after sperm preparation? Nabi A, Khalili MA, Halvaei I, Anbari F. Iranian Journal of Reproductive Medicine, Vol. 12, No. 6, Suppl. 1, Jun 2014.
- Vitamin C can protect spermatozoa from detrimental effect of diabetes mellitus; effect on sperm parameters and DNA integrity using different cytochemical tests. Mangoli E, Talebi AR, Halvaei I, Taheri F. Iranian Journal of Reproductive Medicine, Vol. 12, No. 6, Suppl. 1, Jun 2014.

- Open versus closed vitrification system; effect on survival rate and spindle visualization.
 Agha-Rahimi A, Halvaei I, Anvari M, Ashourzadeh S, Khoradmehr A. Iranian Journal of Reproductive Medicine, Vol. 12, No. 6, Suppl. 1, Jun 2014.
- Laser assisted zona hatching does not improve live birth rate in patients undergoing their first ICSI cycles. Halvaei I, Razi MH, Razi Y. Iranian Journal of Reproductive Medicine, Vol. 12, No. 6, Suppl. 1, Jun 2014.
- Evaluating the role of reactive oxygen species in seminal fluid of men with recurrent pregnancy loss; does it have any role? Moein MR, Ghasemzadeh J, Talebi AR, Halvaei I, Nabi A. Iranian Journal of Reproductive Medicine, Vol. 12, No. 6, Suppl. 1, Jun 2014.
- Mitochondria common deletion in cumulus cells in in vitro fertilization-embryo transfer cycles. Fesahat F, Sheikhha MH, Ebrahimi B, Halvaei I, Ashourzadeh S, Rasti A, Rastegar M. Iranian Journal of Reproductive Medicine, Vol. 12, No. 6, Suppl. 1, Jun 2014.
- Effect of systolic and diastolic blood pressure on sperm parameters in men attending to infertility clinic. Motamedzadeh L, Khalili MA, Razaghian M, Halvaei I, Ghasemzadeh J. Iranian Journal of Reproductive Medicine, Vol. 12, No. 6, Suppl. 1, Jun 2014.
- The rate of spermatozoa with residual histones in infertile patients; a five year study. Talebi AR, Ghasemzadeh J, Halvaei I, Yazdinejad F. Iranian Journal of Reproductive Medicine, Vol. 12, No. 6, Suppl. 1, Jun 2014.
- Zoroastrians support oocyte and embryo donation program for infertile couples. Halvaei I, Khalili MA, Ghasemi-Esmailabad S, Nabi A, Shamsi F. Iranian Journal of Reproductive Medicine, Vol. 12, No. 6, Suppl. 1, Jun 2014.
- Vitamin C attenuates detrimental effects of diabetes mellitus on sperm parameters, chromatin quality and rate of apoptosis in mice. Talebi AR, Mangoli M, Nahangi M, Anvari M, Pourentezari M, Halvaei I. The 6th Yazd International Congress and Student award in Reproductive Medicine-Yazd, Iran- April 17-19- 2015.
- The comparison of anxiety and depression rate between medical staff of infertility centers and obstetrics and gynecology centers of Yazd, Shiraz, Isfahan and Kerman hospitals. Pourmovahed Z, Yassini-Ardekani M, Khalili MA, Halvaei I, Nabi A, Ghasemi M, Fesahat F. The 6th Yazd International Congress and Student award in Reproductive Medicine-Yazd, Iran-April 17-19- 2015.
- Seminal bacterial contaminations: probable factor in unexplained recurrent pregnancy loss. Nabi A, Khalili MA, Halvaei I, Ghasemzadeh J, Zare E. The 6th Yazd International Congress and Student award in Reproductive Medicine-Yazd, Iran-April 17-19- 2015.
- Effects of Nano TiO2 on chromatin, apoptosis and parameters of sperm in mice. Danafar AH, Khoradmehr A, Hosseini M, Halvaei I, Golzadeh J, Anvari M. The 6th Yazd International Congress and Student award in Reproductive Medicine-Yazd, Iran-April 17-19- 2015.
- Advanced paternal age does not influence the outcomes of ART cycles. Omidi M, Halvaei I, Khalili MA, GHazali Sh, Tahajjodi S, Sabeti P. The 6th Yazd International Congress and Student award in Reproductive Medicine-Yazd, Iran- April 17-19- 2015.
- Apoptotic cells and loss of fulicle development were resulte after administration of Nano dioxide titanium on immature mouse ovary. Khoradmehr A, Danafar AH, Hosseini M, Halvaei I, Golzadeh J, Akyash F, Anvari M. The 6th Yazd International Congress and Student award in Reproductive Medicine-Yazd, Iran- April 17-19- 2015.
- Comparison of two different embryo loading techniques for embryo transfer in IVF/ET cycles. Halvaei I, Mangoli E, Omidi M, Khalili MA. The 6th Yazd International Congress and Student award in Reproductive Medicine-Yazd, Iran- April 17-19- 2015.
- The effects of sperm preparation media on motility, viability and DNA integrity of human human spermatozoa. Anbari F, Halvaei I, Nabi I, Ghazali Sh, Khalili MA, Johansson L. The 6th Yazd International Congress and Student award in Reproductive Medicine-Yazd, Iran-April 17-19- 2015.
- Ultrastructure of cytoplasmic fragments in human cleavage stage embryo. Halvaei I, Khalili MA, Esfandiari N, Safari S, Talebi AR, Miglietta S, Nottola The 7th Yazd International Congress and Student award in Reproductive Medicine-Yazd, Iran- April 28-30, 2017.
- Cycles with one retrieved oocyte; does it matter? Hoseini FS, Halvaei I, Akbari-Asbagh F, Eslami M. The 3rd Intrenational Congress on Reproduction (ISERB). Tehran, Iran-May 20-22, 2017.

PATENT AND PATENT APPLICATIONS

1) Halvaei I., Sadeghipour HR, Shariat-Panahi P, Naghibi Harat Z. Electroejaculator for rat. No: 38801363. Apr, 2009. (patent in Iran)

PUBLICATIONS

Original articles:

- 1) Evaluating the role of first polar body morphology on rates of fertilization and embryo development in ICSI cycles. Halvaei I, Khalili MA, Soleimani M, Razi MH. Int J Fert Steril. 2011;5(2):110-115.
- 2) Acute Effects of Ruta graveolens L. on Sperm Parameters and DNA Integrity in Rats. Halvaei I, Sadeghipour Roodsari HR, Naghibi Harat Zh. J Reprod Infertil. 2012;13(1):33-38.
- 3) The effect of immature oocytes quantity on the rates of oocytes maturity and morphology, fertilization, and embryo development in ICSI cycles. Iman Halvaei, Mohammad A. Khalili, Mohammad H. Razi, Stefania A. Nottola. J Assist Reprod Genet.
- 4) Effect of vitrification on morphology and in-vitro maturation outcome of human immature oocytes. Mehdi Mohsenzadeh, Mohammad Ali Khalili , Saeedeh Nazari , Vahid Hemayatkhah Jahromi ,Azam Agharahimi , Iman Halvaei. 2012;117(3):190-198. (Pubmed)
- 5) Impact of different embryo loading techniques on pregnancy rates in in vitro fertilization/embryo transfer cycles. Iman Halvaei, Mohammad Ali Khalili, Mohammad H. Razi, Azam Agha-Rahim, Stefania A. Nottola. Journal of Human Reproductive Sciences. 2013;6:65-69. (Pubmed)
- 6) Prolonged incubation of processed human spermatozoa will increase DNA fragmentation. Ali Nabi, Mohammad Ali Khalili, Iman Halvaei, Fatemeh Roodbari. Andrologia. (Article first published online: 12 MAR 2013 | DOI: 10.1111/and.12088) (ISI)
- 7) Evaluating the role of silver nanoparticles on acrosomal reaction and spermatogenic cells in rat. Sayyed Mohsen Miresmaeili, Iman Halvaei, Farzeneh Fesahat, Asghar Fallah, Narges Nikonahad, Mihaddeseh Taherinejad. Iranian Journal of Reproductive Medicine. (In press) (ISI)
- 8) Seminal bacterial contaminations: Probable factor in unexplained recurrent pregnancy loss. Ali Nabi, Mohammad Ali Khalili, Iman Halvaei, Jalal Ghasemzadeh, Ehsan Zare. Iranian Journal of Reproductive Medicine. 2013; 11(11):925-932. (PubMed)
- 9) Laser assisted zona hatching does not improve live birth rate in patients undergoing their first ICSI cycles. Mohammad Hossein Razi, Iman Halvaei, Yasamin Razi. Iranian Journal of Reproductive Medicine. 2013; 11(12):1021-1026. (PubMed). Corresponding author
- 10) Effects of ascorbic acid on sperm motility, viability, acrosome reaction and DNA integrity in teratozoospermic samples. Hamed Fanaei, Samira Khayat, Iman Halvaei, Vahid Ramezani, Yaser Azizi, Amir Kasaeian, Jalal Mardaneh, Mohammad Reza Parvizi, Maryam Akrami. Iranian Journal of Reproductive Medicine. 2014; 12(2):103-110. (PubMed)
- 11) Apoptosis Will be Increased after 2h Incubation of Human Sperm at 37°C. Ali Nabi, Mohammad Ali Khalili, Iman Halvaei, Fatemeh Anbari. Journal of Cell & Tissue. 2014; 4(4): 415-423. [Full Text in Persian]
- 12) The comparison of anxiety and depression rate between medical staff of infertility centers and obstetrics and gynecology centers of Yazd, Shiraz, Isfahan and Kerman hospitals. Zahra Pourmovahed, Seyed Mojtaba Yassini Ardekani, Mohammad Ali Khalili, Iman Halvaei, Ali Nabi, Mojdeh Ghasemi, Farzaneh Fesahat. Iranian Journal of Reproductive Medicine. 2014; 12(3):183-188. (PubMed)
- 13) Vitrification of neat semen alters sperm parameters and DNA integrity. Mohammad Ali Khalili, Maryam Adib, Iman Halvaei, Ali Nabi. Urology Journal. 2014; 11 (2): 1465-1470. (ISI)
- 14) Vitamin C attenuates detrimental effects of diabetes mellitus on sperm parameters, chromatin quality and rate of apoptosis in mice. Ali Reza Talebi, Esmat Mangoli, Hossein Nahangi, Morteza Anvari, Majid Pourentezari, Iman Halvaei. European Journal of Obstetrics & Gynecology and Reproductive Biology. 2014; 181: 32–36. (ISI)
- 15) Zoroastrians support oocyte and embryo donation program for infertile couples. Iman Halvaei, Mohammad Ali Khalili, Saeed Ghasemi-Esmailabad, Ali Nabi, Farimah Shamsi. Journal of Reproduction and Infertility. 2014; 15(4): 222-227. (PubMed)

- 16) Nabi A, Khalili MA, Halvaei I. An investigation of bacterial infection of seminal fluid in men with infertility with unknown etiology. Qom Univ Med Sci J 2014;8(5):48-53. [Full Text in Persian]
- 17) The Effect of pentoxifylline on human sperm parameters and DNA integrity— An in-vitro study. Ghasemi Esmail-Abad S, Khalili MA, Nabi A, Halvaei I, Ashtari P, Pourmasumi S. Journal of Cell & Tissue (JCT) Autumn 2014; 5(3): 281-7. [Full Text in Persian]
- 18) Effect of prenatal methamphetamine administration during gestational days on mice. Arezoo Khoradmehr, Amirhossein Danafar, Iman Halvaei, Jalal Golzadeh, Mahya Hosseini, Tahereh Mirjalili, Morteza Anvari. Iranian Journal of Reproductive Medicine. 2015; 13(1):41-8. (PubMed)
- 19) Evaluating the spermicidal activity of a new antimicrobial peptide from the Bufo kavirensis, Hadi Zare-Zardini, Farzaneh Fasahat, Iman Halvaei, Ali Nabi, Farimah Shamsi, Leila Ebrahimi. Turkish Biochemical Journal (In Press). (ISI)
- 20) Assessment of spermicidal activity of the antimicrobial peptide sarcotoxin Pd: A potent contraceptive agent. Hadi Zare-Zardini, Farzaneh Fesahat, Fatemeh Anbari, Iman Halvaei, Leila Ebrahimi. Eur J Contracept Reprod Health Care. 2015;12:1-7. (ISI)
- 21) Sperm parameters, protamine deficiency, and apoptosis in total globozoospermia. Jalal Ghasemzadeh, Ali Reza Talebi, Mohammad Ali Khalili, Farzaneh Fesahat, Iman Halvaei, Ali Nabi, Sareh Ashourzadeh. Iran J Reprod Med. 2015;13(8):495-502.
- 22) Ongoing Pregnancies following Cosmetic Micromanipulation of Preimplantation Embryos in Patients with Implantation Failure. Iman Halvaei, Mohammad Ali Khalili, Somayyeh Safari, Navid Esfandiari. Case Rep Med. Volume 2015, Article ID 734793, 4 pages http://dx.doi.org/10.1155/2015/734793.
- 23) The effect of embryo catheter loading technique on the live birth rate. Marjan Omidi, Iman Halvaei, Esmat Mangoli, Mohammad Ali Khalili, Mohammad Hossein Razi. Clin Exp Reprod Med. 2015;42(4):175-180.
- 24) Survival Assessment of Mouse Preimplantation Embryos after Exposure to Cell Phone Radiation. Fereshteh Safian, Mohammad Ali Khalili, Arezoo Khoradmehr, Fatemeh Anbari, Saeedeh Soltani, Iman Halvaei. J Reprod Infertil. 2016 Jul-Sep;17(3):138-43.
- 25) A novel method for transmission electron microscopy study of cytoplasmic fragments from preimplantation human embryos. Iman Halvaei, Mohammad Ali Khalili, Stefania A. Nottola. Microsc Res Tech. 2016 Jun;79(6):459-62.
- 26) Ultrastructure of cytoplasmic fragments in human cleavage stage embryos. Iman Halvaei, Mohammad Ali Khalili, Navid Esfandiari, Somayyeh Safari, Ali Reza Talebi, Selenia Miglietta, Stefania A. Nottola. J Assist Reprod Genet. 2016 Sep 10. [Epub ahead of print]
- 27) Evaluating the effect of insulin sensitizers metformin and pioglitazone alone and in combination on women with polycystic ovary syndrome: An RCT. Seyed Mojtaba Sohrevardi, Fahime Nosouhi, Saeed Hossein Khalilzade, Parichehr Kafaie, Mojgan Karimi-Zarchi, Iman Halvaei, Mehdi Mohsenzadeh. Int J Reprod BioMed. 2016 Dec;14(12)743-754.
- 28) The role of ventilation mode using a laryngeal mask airway during gynecological laparoscopy on lung mechanics, hemodynamic response and blood gas analysis. Mohammad Hossein Jarahzadeh, Iman Halvaei, Farshid Rahimi-Bashar, Shekoufeh Behdad, Rouhollah Abbasizadeh Nasrabady, Elahe Yasaei. Int J Reprod BioMed. 2016 Dec;14(12)755-760.
- 29) No cytotoxic effects from application of pentoxifylline to spermatozoa on subsequent preimplantation embryo development in mice. Mohammad Ali Khalili, Azam Agha-Rahimi, Fatemeh Sadeghian, Iman Halvaei. Mid East Fertil Soci J. http://dx.doi.org/10.1016/j.mefs.2016.12.001. Available online 28 December 2016.
- 30) Performing ICSI with commercial microinjection pipettes enhanced pregnancy rates. Mohammad Ali Khalili, Iman Halvaei, Shahin Ghazali, Mohammad Hossein Razi. Turk J Med Sci. DOI: 10.3906/sag-1512-69. Available online: 14.11.2016.
- 31) The quality of sperm preparation medium affects the motility, viability, and DNA integrity of human spermatozoa. Fatemeh Anbari, Iman Halvaei, Ali Nabi, Shahin Ghazali, Mohammad Ali Khalili, Lars Johansson. J Hum Reprod Sci. 2016;9:254-258. (PubMed)
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- 1. Journal of Assisted Reproduction and Genetics
- 2. Systems Biology in Reproductive Medicine
- 3. Iranian Biomedical Journal
- 4. International Journal of Reproductive BioMedicine
- 5. Journal of Reproduction and Infertility
- 6. Journal of Andrologia
- 7. Journal of Complementary Therapies in Medicine
- 8. Journal of Microscopy
- 9. Evidence-Based Complementary and Alternative Medicine
- 10. Journal of Reproductive Biology and Endocrinology
- 11. Journal of Obstetrics and Gynaecology
- 12. Journal of Pathobiology Research
- 13. Member of scientific committee of the 4th (2011), the 5th (2013) and the 7th (2017) Yazd International Congress and Student Award in Reproductive Medicine
- 14. Editor of International Journal of Reproductive BioMedicine (IJRM) (from Oct. 2013)
- 15. Member of scientific committee and panelist of the 2nd ISERB congress 2016
- 16. Member of scientific committee of the 3rd ISERB congress 2017
- 17. Member of scientific committee and panelist of the 4th ISERB congress 2018

Awards

- Best oral presentation, Student conference of anesthesiology. Kashan University of Medical Sciences. 2000.
- 2. Best paper and oral presenter in 1st symposium of reproductive biology, Research and Clinical Centre for Infertility, Shahid Sadoughi University of Medical Sciences, Apr. 2010, Yazd, Iran.
- 3. Best PhD student, Research and Clinical Centre for Infertility, Shahid Sadoughi University of Medical Sciences, 2011, Yazd, Iran.
- 4. Best PhD student, Research and Clinical Centre for Infertility, Shahid Sadoughi University of Medical Sciences, 2012, Yazd, Iran.
- 5. Award winner in the 5th Yazd International Congress and Student award in Reproductive Medicine-Yazd, Iran- April 19-21- 2013.
- 6. Best student in research in Shahid Sadoughi University of Medical Sciences, 2013, Yazd, Iran.
- 7. Best young researcher, 3rd ISERB excellence awards in reproduction, award, 2017, Tehran, Iran.

REFERENCES

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