

Curriculum Vitae

Behrouz Aflatoonian Ph.D.

PERSONAL INFORMATION

Behrouz Aflatoonian
Date of birth: 08.09.1975
Place of birth: Tehran, Iran.
Married with a child



CURRENT ADDRESS

Stem Cell Biology Research Center
Yazd Reproductive Sciences Institute
Shahid Sadoughi University
of Medical Sciences, Yazd, Iran
Telephone: +98 (0)353 8247087
Email: b.aflatoonian@ssu.ac.ir

CURRENT POSITION

2014: Co- Director
Stem Cell Biology Research Center
Yazd Reproductive Sciences Institute
Shahid Sadoughi University of Medical Sciences,
Yazd, Iran.

PRESVIOUS POSITIONS

2011-2014: Lab Director
Assistant Conception Unit
Laleh Hospital, Tehran, Iran.

2009-2014: Clinical Embryologist
Assistant Conception Unit
Madar Hospital, Yazd, Iran.

2009: Production Manager
Stem Cell Derivation Facility (SCDF)
Centre for Stem Cell Biology (CSCB)
University of Sheffield
Jessop Wing, Tree Root Walk
Sheffield, S10 2SF, UK.

2008: Post-Doctoral Research Assistant
Centre for Stem Cell Biology
University of Sheffield

Jessop Wing, Tree Root Walk
Sheffield, S10 2SF, UK.

1999-2003 Trainee Embryologist
Assistant Conception Unit
Madar Hospital, Yazd, Iran.

EDUCATION

2003- 2007 Centre for Stem Cell Biology, University of Sheffield, Jessop Wing, Tree Root Walk, Sheffield, S10 2SF, UK.

MPhil, Ph.D. Title: The Derivation of Human Embryonic Stem Cells and Human Embryonic Germ Cells and Differentiation of Human Embryonic Stem Cells to Primordial Germ Cells and Gametes *in Vitro*.

Supervisor: Professor Harry D Moore

1995-1999 Tehran University, Tehran, Iran.
B.Sc. in Cell and Molecular Biology.

1994-1995 Shiraz University, Shiraz, Iran.
B.Sc. in General Biology (only first year).

1990-1993 Seyedoshohada Private Institute (High School), Yazd, Iran.
Diploma. Major in Basic Sciences.

HONORS AND AWARDS

2008: Honor Travel Award (1,250.00 US\$) from International Society for Stem Cell Research (ISSCR) for attending to ISSCR2008 in USA (Philadelphia, 11th -14th June 2008).

2007: Honor Travel Award (£250) from British Society for Cell Biology (BSCB) for attending to ISSCR2007 in Australia (17th -21st June 2007).

2007: Honor Travel Award (£490) from International Society for Stem Cell Research (ISSCR) for attending to ISSCR2007 in Australia (17th -21st June 2007).

2007: Honor Travel Award (£350) from Society for Reproduction and Fertility (SRF) for attending to ISSCR2007 in Australia (17th -21st June 2007).

2007: Honor Travel Award (£250) from British Andrology Society for attending to ISSCR2007 in Australia (17th -21st

- June 2007).
- 2005:** Honor Travel Award (£250) from British Andrology Society for attending to ESHRE 2005.
- 2005:** Selected by the Scientific Committee as a Second Prize Winner (2500US\$) for the Yazd 1st International Student Award in Reproductive Medicine, Yazd, Iran (December 2005).

PERSONAL ACTIVITIES AND INTERESTS

- 2007-2008** Director of Angel Foods Ltd. Company (registered in UK).
- 2004-2005** Member of table tennis team in Abbydale table tennis club. Sheffield, UK.
- 1990-1993** Member of swimming team in the school, Yazd, Iran.
- 1988-1992** Member of table tennis team in the school, Yazd, Iran.
- 1988-1990** Chosen as the best theater artist of the Yazd province, Iran.

PROFESSIONAL ACTIVITIES

- 2018:** Attending to the 34th annual European society of human reproduction and embryology (ESHRE2018) Conference in Barcelona in Spain (1st-4th July 2018).
- 2018:** Attending to the 16th annual International Society for Stem Cell Research (ISSCR2018) meeting in Melbourne in Australia (20th-23rd June 2018).
- 2017:** Organizing a 1 day pre-congress theoretical and practical Workshop entitled “Human Embryonic Stem Cells and GMP” held at Stem Cell Biology Research Center, Yazd Reproductive Sciences Institute, Shahid Sadoughi University of Medical Sciences, Yazd, Iran (27th April 2017).
- 2017:** Attending to the 7th Yazd International Congress and Student Award in Reproductive Medicine, Yazd, Iran (28th-30th April 2017).
- 2017:** Attending to the 2nd International Stem Cells and Regenerative Medicine Congress in Mashhad in Iran (19th-21st April 2015).
- 2016:** Attending to the Royan 17th Congress on Reproductive Biomedicine and Royan 12th Congress on Stem Cell Biology and Technology in Tehran in Iran (31st August- 2nd September 2016).
- 2016:** Organizing a 3 days Summer School workshop entitled “Culture of MSCs, Derivation of Mouse ESCs and

- Hands on hESCs” held at Stem Cell Biology Research Center, Yazd Reproductive Sciences Institute, Shahid Sadoughi University of Medical Sciences, Yazd, Iran (7th-9th August 2016).
- 2016:** Attending to the 32nd annual European society of human reproduction and embryology (ESHRE2016) Conference in Helsinki in Finland (3rd-6th July 2015).
- 2016:** Attending to the First National Festival & International Congress on Stem Cell and Regenerative Medicine in Rayzan International Conference Center in Tehran, Iran (19th- 21st May, 2016).
- 2016:** Attending to the 2nd International Congress on Reproduction- 2nd ISERB Award of Excellence in the field of Reproduction in Tehran in Iran (18th-20th May2016).
- 2016:** Organizing a 1 day national symposium entitled “Reproductive biology, stem cells biotechnology and regenerative medicine” held at Shahid Sadoughi University of Medical Sciences, Yazd, Iran (3rd March 2016).
- 2016:** Organizing a 1 day theoretical and practical workshop entitled “Hand on Human Embryonic Stem Cells” held at Stem Cell Biology Research Center, Yazd Reproductive Sciences Institute, Shahid Sadoughi University of Medical Sciences, Yazd, Iran (2nd March 2016).
- 2015:** Attending to the 2nd Iranian Congress on Progress in Tissue Engineering and Regenerative Medicine in Tehran in Iran (7th-9th November 2015).
- 2015:** Attending to the Royan 16th Congress on Reproductive Biomedicine and Royan 11th Congress on Stem Cell Biology and Technology in Tehran in Iran (2nd-4th September 2015).
- 2015:** Attending to the 31st annual European society of human reproduction and embryology (ESHRE2015) Conference in Lisbon in Portugal (14th- 17th June 2015).
- 2015:** Attending to the International Congress on Reproduction- 1st ISERB Award of Excellence in the field of Reproduction in Tehran in Iran (23th-25th May2015).
- 2015:** Attending to the International Congress on Stem Cells and Regenerative Medicine in Mashhad in Iran (20th- 22nd May 2015).
- 2015:** Attending to the Yazd 6th International Student Award in Reproductive Medicine, Yazd, Iran (17th- 19th April 2015).

- 2011:** Attending to the 15th annual European society for domestic animal reproduction (ESDAR) Conference in Antalya in Turkey (15th- 17th September 2011).
- 2011:** Attending to the 12th Royan International Award in Tehran in Iran (7th- 9th September 2011).
- 2010:** Attending to the 11th Royan International Award in Tehran in Iran (September 2010).
- 2010:** Attending to the Middle East Fertility Society (MEFS) Conference in Damascus in Syria (6th – 10th October 2010).
- 2009:** Attending to the one day international symposium in conjunction with MRC/BBSRC training workshop “Working with Human Embryonic Stem Cell Lines”. July 2008 in University of Sheffield in Sheffield in UK.
- 2009:** Attending to the 7th Annual Meeting of International Society for Stem Cell Research (ISSCR2009) in Barcelona in Spain (8th- 11th July 2009).
- 2007-2011** Member of International Society for Stem Cell Research (ISSCR).
- 2005-2008** Member of the Society for the Study of Reproduction (SSR).
- 2007:** Member of Society for Reproduction and Fertility (SRF).
- 2005-2008** Member of British Andrology Society (BAS).
- 2007:** Member of British Society for Cell Biology (BSCB).
- 2007:** Member of British Society for Development Biology (BSDB).
- 2008:** Attending to the one day international symposium in conjunction with MRC/BBSRC training workshop “Working with Human Embryonic Stem Cell Lines”. July 2008 in University of Sheffield in Sheffield in UK.
- 2007:** Attending to the one day international symposium in conjunction with MRC/BBSRC training workshop “Working with Human Embryonic Stem Cell Lines”. 13th of July 2007 in University of Sheffield in Sheffield in UK.
- 2007:** Attending to the 5th Annual Meeting of International Society for Stem Cell Research in Cairns in Australia (17th -21st June 2007).
- 2006:** Faculty instructor during the MRC/BBSRC training workshop “Working with Human Embryonic Stem Cell Lines”. 4th – 10th July 2006. Centre for Stem Cell Biology in Sheffield in UK.

- 2006:** Attending to the one day international symposium in conjunction with MRC/BBSRC training workshop “Working with Human Embryonic Stem Cell Lines”. July 2006 in University of Sheffield in Sheffield in UK.
- 2006:** Attending to the 4th Annual Meeting of International Society for Stem Cell Research in Toronto in Canada (29th June- 2nd July 2006).
- 2005:** Faculty instructor during the MRC/BBSRC training workshop “Working with Human Embryonic Stem Cell Lines”. 4th -10th July 2005.
- 2005:** Attending to the one day international symposium in conjunction with MRC/BBSRC training workshop “Working with Human Embryonic Stem Cell Lines”. July 2005 in University of Sheffield in Sheffield in UK.
- 2005:** Member of European Society for Reproduction and Embryology (ESHRE).
- 2004:** Faculty instructor during the MRC/BBSRC training workshop “Working with Human Embryonic Stem Cell Lines”. 5th -9th July 2004.
- 2004:** Attending to the one day international symposium in conjunction with MRC/BBSRC training workshop “Working with Human Embryonic Stem Cell Lines”. July 2004 in University of Sheffield in Sheffield in UK.
- 2003:** Attending to a Practical and Theoretical course program in Istanbul Memorial Hospital ART, Genetics and Andrology Unit between 1st till 15th of July.

PUBLICATION

- 2018:** Aflatoonian A., Mansoori-Torshizi M., Farid Mojtahedi M., Aflatoonian B., Khalili M.A., Amir-Arjmand M.H., Soleimani M., Aflatoonian N., Oskouian H., Tabibnejad N., Humaidan P. (2018) Fresh versus frozen embryo transfer after gonadotropin-releasing hormone agonist trigger in gonadotropin-releasing hormone antagonist cycles among high responder women: A randomized, multi-center study. *Int J Reprod Biomed (IJRM)* 16(1): 9-18.
- 2017:** Hosseini E., Nikmard F., Aflatoonian B., Vesali S., Alenabi T., Aflatoonian A., Mehraein F. (2017) Controlled Ovarian Stimulation in Endometriosis Patients Can Be Individualized by Anti-Mullerian Hormone Levels. *Acta Endo (Buc)* 13(2):

- 195-202.
- 2017:** Borzouie Z., Naghibzadeh M., Talebi A., Pourrajab F., Jebali A., Nikukar H., Khoradmehr A., Sadeghian-Nodoushan F., Aflatoonian B., Hekmatimoghaddam S. (2017). Novel scaffold fabricated from electrospun polyvinyl alcohol/ human serum albumin / gelatin nanofibers for culturing testicular cells of azoospermic patients. *J Reprod Infertil* 18 (Suppl 2):146-147.
- 2017:** Mirzazadeh A., Majid Kheirollahi M., Ehsan Farashahi E., Sadeghian-Nodoushan F., Sheikhha MH., Aflatoonian B. (2017). Assessment effects of resveratrol on human telomerase reverse transcriptase messenger ribonucleic acid transcript in human glioblastoma. *Advanced Biomedical* 27;6:73.
- 2017:** Akyash F, Sadeghian-Nodoushan F, Tahajjodi SS, Nikukar H, Farashahi Yazd E., Azimzadeh M., Moore H.D., Aflatoonian B. (2017). Human embryonic stem cells and good Manufacturing practice: Report of a 1-day workshop held at Stem Cell Biology Research Center, Yazd, 27th April 2017. *Int J Reprod Biomed*; 15(5):255- 256.
- 2017:** Borzouie Z., Tahajjodi S.S., Aflatoonian B. The stem session of the 7th Yazd International Congress and Student Award in Reproductive Medicine held at Shahid Sadoughi University of Medical Sciences. *Int J Reprod Biomed*; 15(6): 319- 322.
- 2016:** Nikmard F., Aflatoonian B., Hosseini E., Aflatoonian A., Bakhtiyari M., Aflatoonian R. (2016). A comparative study on the results of agonist and antagonist protocols based on serum AMH levels in patients undergoing intracytoplasmic sperm injection. *Int J Reprod Biomed*; 14(12):769- 776.
- 2016:** Akyash F, Javidpou M, Nodoushan FS, Aflatoonian B. (2016). Human Embryonic Stem Cells Derived Mesenchymal Stem/Stromal Cells and their Use in Regenerative Medicine. *J Stem Cell Res Ther* 1(7): 00047. DOI: 10.15406/jsrt.2016.01.00047.
- 2016:** Akyash F., Tahajjodi S.S., Sadegian-Nodoushan F., Aflatoonian A., Abdoli AM., Nikukar H., Aflatoonian B. (2016). Reproductive biology, stem cells biotechnology, and regenerative medicine: a 1-day national symposium held at Shahid Sadoughi University of Medical Sciences. *Int J Reprod Biomed*; 14(9): 553-556.

- 2016:** Aflatoonian A., Karimzadeh Maybodi M.A., Aflatoonian N., Tabibnejad N., Amir-Arjmand M.H., Soleimani M., Aflatoonian B., Aflatoonian A. (2016). Perinatal outcome in Fresh versus frozen embryo transfer in ART cycles. *Int J Reprod Biomed*; 14(3):167-72.
- 2016:** Sadeghian-Nodoushan F., Aflatoonian R., Borzouie Z., Akyash F., Fesahat F., Soleimani M., Aghajanpour S., Moore H.D., Aflatoonian B. (2016). Pluripotency and differentiation of cells from human testicular sperm extraction: an investigation of cell stemness. *Mol. Reprod. Dev*; 83: 312- 323.
- 2016:** Akyash F, Sadeghian-Nodoushan F, Aflatoonian B. (2016). Isolation, Culture and Characterization of Human Endometrial Mesenchymal Stem/ Stromal Cells (EnMSCs): A Mini Review. *Austin J In Vitro Fertil.*; 3(1): 1025.
- 2015:** Borzouie Z., Hekmati-Moghaddam S.H., Talebi A.R., Poor-Rajab F., Jebali A., Nikukar H., Sadeghian-Nodoushan F., Aflatoonian B. (2015). Reconstitution of an artificial human testis using a 3 dimensional (3D) culture device. Proc. 31st Annual Meeting of the European Society for Human Reproduction and Embryology, Lisbon. *Human Reproduction* 30 (suppl): 1 i457-i458.
- 2015:** Akyash F., Aflatoonian A., Rezazadeh Valojerdi M., Sadeghian Nodoushan F., Aflatoonian R., Aflatoonian B. (2015). *In Vitro* Isolation, Culture and Identification of Human Endometrial Mesenchymal Stem/Stromal Cells (EnMSCs). *Cell Journal (Yakhteh)*, 17, Suppl 1: P22.
- 2015:** Rezaei Z., Ghafouri M., Darabi S., Sadeghian Nodoushan F., Hekmati Moghadam S.H., Aflatoonian B. (2015). Human Testis Derived Mesenchymal Stromal Cells Cryopreservation with the Potential for the Future Cell Therapy Applications. *Int J Fertil Steril*, 9, Suppl 1:P67.
- 2014:** Raina T., Iqbal J, Arnold N., Moore H., Aflatoonian B., Walsh J., Whitehouse S, Al-Lamee K, Francis S, Gunn J. Coronary stents seeded with human trophoblastic endovascular progenitor cells show accelerated strut coverage without excessive neointimal proliferation in a porcine model. *EuroIntervention*. 2014;10:709-716.

- 2014:** Hoseini F., Noori Mugahi S., Akbari-Asbagh F., Eftekhari-Yazdi P., Aflatoonian B., Aghaee-Bakhtiari S., Aflatoonian R., Salsabili N. A randomized controlled trial of gonadotropin-releasing hormone agonist versus gonadotropin-releasing hormone antagonist in Iranian infertile couples: oocyte gene expression. *Daru*. 2014; 22: 67.
- 2014:** Raina T., Arnold N., Moore H., Aflatoonian B., Walsh J., Whitehouse S., Al-Lamee K., Francis S., Gunn J., Iqbal J. Stem Cell Coated Metallic Coronary Stents Show Accelerated Strut Coverage without Excessive Neointimal Proliferation in a Porcine Model . *Heart*. 2014;100:A88-A89, Issue Suppl 3, Abstract 152.
- 2013:** Aflatoonian N., Eftekhar M., Aflatoonian B., Rahmani E., Aflatoonian A. Surrogacy as a good option for treatment of repeated implantation failure: a case series. *Iran J Reprod Med*. 2013;11:77-80.
- 2013:** Anbari F, Khalili MA, Bahrami AR, Aflatoonian B., Khoradmehr A. Intravenous administration of mesenchymal stem cells improve functional recovery after traumatic brain injury in rats. *Iran J Reprod Med*. 2013; 11: Issue Suppl 1, 63.
- 2012:** Aflatoonian B. and Moore H. Chapter 7: Pluripotent stem cells *in vitro* from human primordial germ cells. In: Human Embryonic and Induced Pluripotent Stem Cells: Lineage-Specific Differentiation Protocols. Eds. Ye K., and Jin S. Springer Protocols Handbooks.
- 2011:** Aflatoonian B., Sadeghian F, Fesahat F., Janan A., Aflatoonian R. Putative mesenchymal and germ-line stem cells from testicular sperm extraction samples. *Iran J Reprod Med*. 2011; 9: Issue Suppl 2, 5-6.
- 2010:** Aflatoonian B., Ruban I., Shamsuddin S., Baker D., Andrews P., Moore H. Generation of Sheffield (Shef) human embryonic stem Cell lines using a microdrop culture system. *In Vitro Cell. Del.Biol.-Animal*. 2010; 46: 236- 241.
- 2009:** Aflatoonian B., Ruban L., Jones M., Aflatoonian R., Fazeli A., Moore HD. *In vitro* post-meiotic germ cell development from human embryonic stem cells. *Hum Reprod*. 2009; 24:3150- 3159.
- 2009:** Aflatoonian B., Aflatoonian R., Ruban L., Fazeli A., Moore HD. Embryoid bodies from human embryonic stem cells for niche for male germ cell development *in vitro*. In: J.L. Ballesca

- Lagarda R. Olivia (eds). 9th International Congress of ANDROLOGY. Barcelona, Spain. March 10th 11th 2009; Medimond, 169- 175.
- 2008:** Moore H., Udayshankar R., Aflatoonian B. Stem cells for reproductive medicine. *Mol Cell Endocrinol.* 2008 Jun 25;288(1-2):104-110.
- 2007:** Moore H. and Aflatoonian B. From stem cells to spermatozoa and back. *Soc Reprod Fertil Suppl.* 2007; 65: 19-32.
- 2007:** The International Stem Cell Initiative, Adewumi O, Aflatoonian B. *et al.*, Characterization of human embryonic stem cell lines by the International Stem Cell Initiative. *Nat Biotechnol.* 2007 Jul; 25(7): 803- 816.
- 2006:** Aflatoonian B. and Moore H. Germ cells from mouse and human embryonic stem cells. *Reproduction.* 2006 Nov; 132(5): 699- 707.
- 2005:** Aflatoonian B. and Moore H. Human primordial germ cells and embryonic germ cells, and their use in cell therapy. *Curr Opin Biotechnol.* 2005 Oct; 16(5):530-5.
- 2005:** Aflatoonian B., Fazeli A., Ruban L., Andrews P. and Moore H. (2005). Human embryonic stem cells differentiate to primordial germ cells as determined by gene expression profiles and antibody markers. Proc. 21st Annual Meeting of the European Society for Human Reproduction and Embryology, Copenhagen. Human Reproduction 20 (suppl): 1 i6.
- 2004:** Aflatounian A., Mansouri Tarshizi M., Davar R., Aflatounian R., Arjomand M.H., Aflatounian B., Soleimani M. A comparative study of two methods of usage of Gn-rh agonists in 123 ART cycles undergoing IVF/ICSI for the first time. *JSSU.* 2004; 11(4):39-43.
- 2004:** Aflatounian A., Mansouri Tarshizi M., Davar R., Dehghani Firouzabadi R., Aflatounian R., Arjomand M.H., Aflatounian B., Soleimani M. A comparative study of “DET” and “SET” in ART cycles. *JSSU.* 2004; 11(4):84-89.

ORAL PRESENTATIONS

- 2018:** Aflatoonian B., Hekmatimoghaddam S., Jebali A., Nikukar H., Farashahi Yazd E., Sadeghian-Nodoushan F., Borzouei Z., Akyash F., Tahajjodi S.S., Hajizadeh F., Aflatoonian R., Moore H.D. Stem cell biotechnology, tissue engineering and regenerative medicine to cure male infertility disorders. Invited

- speaker for “The 1st Congress of the Society of Urologists and Andrologists of Astana”, in Astana, Kazakhstan (24th-25th May 2018).
- 2017:** Aflatoonian B., Aflatoonian R., Sadeghian-Nodoushan F., Akyash F., Borzouie Z., Fesahat F., Soleimani M., Aghajanpour S., Moore H.D. Pluripotent Stem Cells from Human Testis: Context and Controversy. Invited speaker for the “The Latest Issues in Reproductive Biomedicine: Clinic and Research”, the Joint Symposium of Royan Research Institute and Helal Ruyesh Infertility Center, in Tehran, Iran. (30th November 2017).
- 2017:** Akyash F., Tahajjodi S.S., Aflatoonian B. One Drop One Colony Monitoring of Human Embryonic Stem Cells as an Intrinsic Potential to Direct Their Determination and Differentiation Path. Invited speaker for BIT’s 11th World Congress of Regenerative Medicine & Stem Cell (RMSC) in Singapore (14th-17th November 2017).
- 2017:** Aflatoonian B. GMP Compliant stem cell manufacturing for clinical applications. Invited speaker for the Second National Festival & International Congress on Stem Cell and Regenerative Medicine in Tehran in Iran (13th - 15th July 2017).
- 2017:** Aflatoonian B., Sadeghian-Nodoushan F., Fesahat F., Soleimani M., Khalili M.A., Heidarian Meimandi H., Farashahi Yazd E., Nikukar H., Aflatoonian A. An introduction to Stem Cell Biology Research Center in Yazd. Invited speaker for the 7th Yazd International Congress and Student Award in Reproductive Medicine with 2nd Congress of Reproductive Genetic and Congress of Reproductive Immunology in Yazd in Iran (28th- 30th April 2017).
- 2017:** Borzouie Z., Jebali A., Naghibzadeh M., Pourrajab F., Nikukar H., Talebi A.R., Khoradmehr A., Sadeghian-Nodoushan F., Aflatoonian B., Hekmatimoghaddam S. Development of artificial extra cellular matrixes to culture human testicular cells using different methods of human serum albumin based tissue engineering. 7th Yazd International Congress and Student Award in Reproductive Medicine with 2nd Congress of Reproductive Genetic and Congress of Reproductive Immunology in Yazd in Iran (28th- 30th April 2017).
- 2017:** Omidi M., Aflatoonian B., Khalili M. A. Human embryonic

- stem cell-like cells from in vitro embryo twinning blastocysts
7th Yazd International Congress and Student Award in
Reproductive Medicine with 2nd Congress of Reproductive
Genetic and Congress of Reproductive Immunology in Yazd in
Iran (28th- 30th April 2017).
- 2017:** Aflatoonian A., Karimzadeh Meybodi MA., Yousefnejad F.,
Taheripanah R., Hosseini E., Nikmard F., Amjadi FS., Hamidi
D., Kariminejad R., Aflatoonian B., Aflatoonian R. Array-
comparative genomic hybridization (array-CGH): The first
report of its clinical application for preimplantation genetic
screening (PGS) in Iran. 7th Yazd International Congress and
Student Award in Reproductive Medicine with 2nd Congress
of Reproductive Genetic and Congress of Reproductive
Immunology in Yazd in Iran (28th- 30th April 2017).
- 2017:** Aflatoonian B., Sadeghian-Nodoushan F., Akyash F., Tahajjodi
S.S., Avijegani N., Hajizadeh F., Heidarianpour F., Farashahi
Yazd E., Nikukar H., Moore H. Human embryonic stem cells
(hESCs) and good manufacturing practice(GMP). Invited
speaker for the 2nd International Stem Cells and Regenerative
Medicine Congress in Mashhad in Iran (19th-21st April 2017).
- 2016:** Aflatoonian B. Good Manufacturing and Practicing (GMP). The
Pre-Congress Workshop of the First National Festival &
International Congress on Stem Cell and Regenerative Medicine
in Tehran in Iran (18th May 2016).
- 2016:** Akyash F., Sadeghian-nodoushan F., Aflatoonian B. Screening
of Human Embryonic Stem Cells-Derived Neuronal Progenitor
Cells Using a Microdrop Culture System. The First National
Festival & International Congress on Stem Cell and
Regenerative Medicine in Tehran in Iran (19th - 21st May 2016).
- 2016:** Aflatoonian B., Sadeghian-Nodoushan F., Akyash F., Borzouei
Z., Avijegani N., Soleimani M., Heydarian H., Fesahat F.,
Aflatoonian A. Future applications of human embryonic stem
cells in regenerative medicine; Yazd returns. One-day national
symposium on Reproductive biology, stem cells biotechnology,
and regenerative medicine in Yazd in Iran (3rd March 2016).
- 2015:** Sadeghian F., Aflatoonian R., Borzouei Z., Janan A., Akyash F.,
Aflatoonian B. Cell Cultures of Testicular Sperm Extracts
(TESE) Display Germ-Line Stem Cell (GSC) Markers but Only
Propagate Mesenchymal Stromal Cells. Invited speaker for the
international congress on stem cells and regenerative medicine

- in Mashhad in Iran (20th- 22nd May 2015).
- 2011:** Aflatoonian B., Sadeghian F, Fesahat F., Janan A., Aflatoonian R. Putative mesenchymal and germ-line stem cells from Testicular sperm extraction samples. Invited speaker for the 4th Yazd International Congress and Student Award in Reproductive Medicine in Yazd in Iran (15th- 17th April 2011).
- 2009:** Aflatoonian B. Stem Cells for Reproductive Medicine. Invited speaker for the Reproductive Medicine 2009 meeting in London in UK (10th and 11th of September 2009).
- 2008:** Aflatoonian B. and Moore H. Reproductive Medicine and Embryonic Stem Cells. Invited speaker for the 1st International Symposium and Workshop on Clinical Embryology, Yazd, Iran (22nd- 24th November 2008).
- 2007:** Aflatoonian B., Soleimani M., Aflatoonian R., Aflatoonian A. Stem cells from germline lineage. Yazd 2nd International Student Award in Reproductive Medicine, Yazd, Iran (11th-13th May 2007).
- 2007:** Aflatoonian B. and Moore H. Derivation of human embryonic stem cells. Invited speaker for the CARE Embryology Conference 2007. *Sponsored by Ferring*. Park Plaza Hotel. Nottingham. UK (24th and 25th of February 2007).
- 2006:** Aflatoonian B. and Harry Moore. Human embryonic germ cells; current status and future aspects. Invited speaker for the 2nd National Stem Cell Congress in Trabzon in Turkey (6-9 September 2006).
- 2006:** Aflatoonian B. and Moore H. Microdrop method for derivation of human embryonic stem cell lines. Invited Speaker during the MRC/BBSRC training workshop “Working with Human Embryonic Stem Cell Lines”. Centre for Stem Cell Biology, University of Sheffield. Sheffield, UK (4th -10th July 2006).
- 2006:** Aflatoonian B., Ruban L., and Moore H. A microdrop method for derivation of human embryonic stem cells. Society for Reproduction and Fertility Conference 2006 and National Ovarian Workshop. University of Leeds, UK (3rd -5th July 2006).
- 2005:** Aflatoonian B., Aflatoonian R., Ruban L., Jones M., Fazeli A., and Moore H. Potential of human embryonic stem cells to differentiate to primordial germ cells *in vitro*. Yazd 1st International Student Award in Reproductive Medicine, Yazd, Iran (December 2005).

- 2005:** Aflatoonian B., Fazeli A., Ruban L., Andrews P. and Moore H. Human embryonic stem cells differentiate to primordial germ cells as determined by gene expression profiles and antibody markers. Presented in ESHRE 2005 in Copenhagen in Denmark (19-22 Jun 2005).
- 2005:** Aflatoonian B., Ruban L., Fazeli A., and Moore H. Differentiation of Human Embryonic Stem Cells to Primordial Germ Cells *in vitro*. Fertility 2005, International Meeting on Reproduction in Warwick, UK (2-5 April 2005).
- 2004:** Aflatoonian B., Ruban L., Fazeli A., and Moore H. Differentiation of human embryonic stem cells to primordial germ cells. UK Stem Cell Joint Laboratory Meeting in Cambridge in UK.

POSTER PRESENTATIONS

- 2018:** Akyash F., Tahajjodi S.S., Farashahi Yazd E., Aflatoonian R., Hajizadeh F., Aflatoonian B. Conditioned medium from human testis derived cell cultures as an *in vitro* niche for male germ cell development from human embryonic stem cells. 16th Annual Meeting of International Society for Stem Cell Research (ISSCR2018) in Melbourne in Australia (20th-23th June 2018).
- 2018:** Tahajjodi S.S., Akyash F., Farashahi Yazd E., Aflatoonian R., Hajizadeh F., Aflatoonian B. Differentiation of human embryonic stem cells to female germ cells using human cumulus cells conditioned medium. 16th Annual Meeting of International Society for Stem Cell Research (ISSCR2018) in Melbourne in Australia (20th-23th June 2018).
- 2017:** Akyash F., Talebi A., Yazdinejad F., Aflatoonian B. Preparation of TESE Derived Cells Conditioned Medium as a Niche for *in vitro* Spermatogenesis. The 7th Yazd International Congress and Student Award in Reproductive Medicine with 2nd Congress of Reproductive Genetic and Congress of Reproductive Immunology in Yazd in Iran (28th- 30th April 2017).
- 2017:** Tahajjodi S.S., Khalili M.A., Soleimani M., Agharahimi A., Aflatoonian B. Preparation of cumulus cell conditioned Medium as a potential niche for *in vitro* oogenesis. The 7th Yazd International Congress and Student Award in Reproductive Medicine with 2nd Congress of Reproductive Genetic and Congress of Reproductive Immunology in Yazd

- in Iran (28th- 30th April 2017).
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