

# 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](mailto: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, 11<sup>th</sup> -14<sup>th</sup> June 2008).

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

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

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

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

- 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 1<sup>st</sup> 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**

- 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 (27<sup>th</sup> April 2017).
- 2017:** Attending to the 7<sup>th</sup> Yazd International Congress and Student Award in Reproductive Medicine, Yazd, Iran (28<sup>th</sup>-30<sup>th</sup> April 2017).
- 2017:** Attending to the 2<sup>nd</sup> International Stem Cells and Regenerative Medicine Congress in Mashhad in Iran (19<sup>th</sup>-21<sup>st</sup> April 2015).
- 2016:** Attending to the Royan 17<sup>th</sup> Congress on Reproductive Biomedicine and Royan 12<sup>th</sup> Congress on Stem Cell Biology and Technology in Tehran in Iran (31<sup>st</sup> August- 2<sup>nd</sup> 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 (7<sup>th</sup>-9<sup>th</sup> August 2016).
- 2016:** Attending to the 32<sup>nd</sup> annual European society of human reproduction and embryology (ESHRE2016)

- Conference in Helsinki in Finland (3<sup>rd</sup>-6<sup>th</sup> 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 (19<sup>th</sup>- 21<sup>st</sup> May, 2016).
- 2016:** Attending to the 2<sup>nd</sup> International Congress on Reproduction- 2<sup>nd</sup> ISERB Award of Excellence in the field of Reproduction in Tehran in Iran (18<sup>th</sup>-20<sup>th</sup> 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 (3<sup>rd</sup> 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 (2<sup>nd</sup> March 2016).
- 2015:** Attending to the 2<sup>nd</sup> Iranian Congress on Progress in Tissue Engineering and Regenerative Medicine in Tehran in Iran (7<sup>th</sup>-9<sup>th</sup> November 2015).
- 2015:** Attending to the Royan 16<sup>th</sup> Congress on Reproductive Biomedicine and Royan 11<sup>th</sup> Congress on Stem Cell Biology and Technology in Tehran in Iran (2<sup>nd</sup>-4<sup>th</sup> September 2015).
- 2015:** Attending to the 31<sup>st</sup> annual European society of human reproduction and embryology (ESHRE2015) Conference in Lisbon in Portugal (14<sup>th</sup>- 17<sup>th</sup> June 2015).
- 2015:** Attending to the International Congress on Reproduction- 1<sup>st</sup> ISERB Award of Excellence in the field of Reproduction in Tehran in Iran (23<sup>th</sup>-25<sup>th</sup> May2015).
- 2015:** Attending to the International Congress on Stem Cells and Regenerative Medicine in Mashhad in Iran (20<sup>th</sup>- 22<sup>nd</sup> May 2015).
- 2015:** Attending to the Yazd 6<sup>th</sup> International Student Award in Reproductive Medicine, Yazd, Iran (17<sup>th</sup>- 19<sup>th</sup> April 2015).
- 2011:** Attending to the 15th annual European society for domestic animal reproduction (ESDAR) Conference in Antalya in Turkey (15<sup>th</sup>- 17<sup>th</sup> September 2011).
- 2011:** Attending to the 12<sup>th</sup> Royan International Award in Tehran in Iran (7<sup>th</sup>- 9<sup>th</sup> September 2011).
- 2010:** Attending to the 11<sup>th</sup> Royan International Award in Tehran

- in Iran (September 2010).
- 2010:** Attending to the Middle East Fertility Society (MEFS) Conference in Damascus in Syria (6<sup>th</sup> – 10<sup>th</sup> 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.
- 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”. 13<sup>th</sup> of July 2007 in University of Sheffield in Sheffield in UK.
- 2006:** Faculty instructor during the MRC/BBSRC training workshop “Working with Human Embryonic Stem Cell Lines”. 4<sup>th</sup> – 10<sup>th</sup> 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.
- 2005:** Faculty instructor during the MRC/BBSRC training workshop “Working with Human Embryonic Stem Cell Lines”. 4<sup>th</sup> -10<sup>th</sup> 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”. 5<sup>th</sup> -9<sup>th</sup> 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 1<sup>st</sup> till 15<sup>th</sup> of July.

### **PUBLICATION**

- 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., Sheikha 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, 27<sup>th</sup> April 2017. *Int J Reprod Biomed*; 15(5):255- 256.
- 2017:** Borzouie Z., Tahajjodi S.S., Aflatoonian B. The stem session of the 7<sup>th</sup> 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. 31<sup>st</sup> 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). 9<sup>th</sup> International Congress of ANDROLOGY. Barcelona, Spain. March 10<sup>th</sup> 11<sup>th</sup> 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:** Aflatoonian A., Mansouri Tarshizi M., Davar R., Aflatoonian R., Arjomand M.H., Aflatoonian 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:** Aflatoonian A., Mansouri Tarshizi M., Davar R., Dehghani Firouzabadi R., Aflatoonian R., Arjomand M.H., Aflatoonian B., Soleimani M. A comparative study of “DET” and “SET” in

ART cycles. *JSSU*. 2004; 11(4):84-89.

### **ORAL PRESENTATIONS**

- 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. (30<sup>th</sup> 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 11<sup>th</sup> World Congress of Regenerative Medicine & Stem Cell (RMSC) in Singapore (14<sup>th</sup>-17<sup>th</sup> 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 (13<sup>th</sup> - 15<sup>th</sup> 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 7<sup>th</sup> Yazd International Congress and Student Award in Reproductive Medicine with 2<sup>nd</sup> Congress of Reproductive Genetic and Congress of Reproductive Immunology in Yazd in Iran (28<sup>th</sup>- 30<sup>th</sup> 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. 7<sup>th</sup> Yazd International Congress and Student Award in Reproductive Medicine with 2<sup>nd</sup> Congress of Reproductive Genetic and Congress of Reproductive Immunology in Yazd in Iran (28<sup>th</sup>- 30<sup>th</sup> April 2017).
- 2017:** Omidi M., Aflatoonian B., Khalili M. A. Human embryonic

- stem cell-like cells from in vitro embryo twinning blastocysts  
7<sup>th</sup> Yazd International Congress and Student Award in  
Reproductive Medicine with 2<sup>nd</sup> Congress of Reproductive  
Genetic and Congress of Reproductive Immunology in Yazd in  
Iran (28<sup>th</sup>- 30<sup>th</sup> 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. 7<sup>th</sup> Yazd International Congress and  
Student Award in Reproductive Medicine with 2<sup>nd</sup> Congress  
of Reproductive Genetic and Congress of Reproductive  
Immunology in Yazd in Iran (28<sup>th</sup>- 30<sup>th</sup> 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 2<sup>nd</sup> International Stem Cells and Regenerative  
Medicine Congress in Mashhad in Iran (19<sup>th</sup>-21<sup>st</sup> 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 (18<sup>th</sup> 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 (19<sup>th</sup> - 21<sup>st</sup> 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 (3<sup>rd</sup> 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 (20<sup>th</sup>- 22<sup>nd</sup> 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 4<sup>th</sup> Yazd International Congress and Student Award in Reproductive Medicine in Yazd in Iran (15<sup>th</sup>- 17<sup>th</sup> April 2011).
- 2009:** Aflatoonian B. Stem Cells for Reproductive Medicine. Invited speaker for the Reproductive Medicine 2009 meeting in London in UK (10<sup>th</sup> and 11<sup>th</sup> of September 2009).
- 2008:** Aflatoonian B. and Moore H. Reproductive Medicine and Embryonic Stem Cells. Invited speaker for the 1<sup>st</sup> International Symposium and Workshop on Clinical Embryology, Yazd, Iran (22<sup>nd</sup>- 24<sup>th</sup> November 2008).
- 2007:** Aflatoonian B., Soleimani M., Aflatoonian R., Aflatoonian A. Stem cells from germline lineage. Yazd 2<sup>nd</sup> International Student Award in Reproductive Medicine, Yazd, Iran (11<sup>th</sup>-13<sup>th</sup> 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. Notingham. UK (24<sup>th</sup> and 25<sup>th</sup> of February 2007).
- 2006:** Aflatoonian B. and Harry Moore. Human embryonic germ cells; current status and future aspects. Invited speaker for the 2<sup>nd</sup> 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 (4<sup>th</sup> -10<sup>th</sup> 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 (3<sup>rd</sup> -5<sup>th</sup> 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 1<sup>st</sup> 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**

- 2017:** Akyash F., Talebi A., Yazdinejad F., Aflatoonian B. Preparation of TESE Derived Cells Conditioned Medium as a Niche for in vitro Spermatogenesis. The 7<sup>th</sup> Yazd International Congress and Student Award in Reproductive Medicine with 2<sup>nd</sup> Congress of Reproductive Genetic and Congress of Reproductive Immunology in Yazd in Iran (28<sup>th</sup> - 30<sup>th</sup> April 2017).
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