

## Curriculum Vitae

**Name:** Fakhrosadat

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**Marital Status:** Married

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### Educations:

**B.Sc** (1993-1997) Nursing, Faculty of nursing and midwifery, Shiraz University of Medical Science, Shiraz, Iran.

**M.Sc** (2003-2005) Anatomical Science, Faculty of Medicine, Ahvaz University of Medical Science, Ahvaz, Iran.

**Ph.D** (2009-2014) Anatomical Science, Faculty of Medicine, Tabriz University of Medical Science, Tabriz, Iran.

**Research Course** (2013) Immunohistochemical Techniques, organ cell culture approaches, western blot, LH- and FSH ELISA. karolinska institutet university, Stockholm, Sweden.

### Honors/Achievements:

- Scholarship from ministry of health science Iran for 6 months complementary period of PhD in Karolinska Institutet university of Stockholm, Sweden.

**Academic Positions:**

Assistant Professor

**Teaching experiences:**

Course	University	Level	Date
Anatomy and Histology	Ahvaz,Tabriz Universities	Medical, dentistary & Paramedical Students	(2004-2017)

**Research Interest:**

- Breast cancer
- Cell biology
- Cell and Tissue Culture
- Assisted reproductive techniques (ART)

**Thesis title:**

***M.S.c. thesis title:*** Effects of leukemia inhibitory factor on sperm motility and vitality in infertile men with asthenospermi.

***Ph.D thesis title:*** Effects of BSO-induced stress oxidative on ultrastructure and histology of testis, testosterone secretion, semen parameters and sperm fertility in IVF condition in mice.

**Publications:**

*Saki GH, Sajjadian F, Kalantar Mahdavi RA, Sobhani A.* The effects of LIF in different concentration on sperm motility and viability in infertile men with asthenospermi. Iranian anatomical science journal, No: 4, spring 2006, 1, 11-17

*Sajjadian F, Soleimani-Rad J, Roshangar L, Hemmati A, Nori M.* The effect of BSO-induced oxidative stress on ultrastructure of testis and sperm fertility in mice. Journal of Jokull, 2014; 2(64), IF:1.6

*Sajjadian F, Soleimani-Rad J, Roshangar L, Hemmati A, Nori M.* The effect of Buthionine Sulfoximine- induced oxidative stress on histologic feature of testis, testosterone secretion and semen parameters in mice. Accepted in Iranian Journal of Basic Medical Sciences, Manuscript I.D: 1321-IJBMS (R1), 2014, IF:0.4

*Seyed Mostafa Ghavami SM, Abedinzadeh R, Sajjadian F.* Fetal cardiac rhabdomyoma: case report. Tehran University Med J (TUMJ), 2016 July; 74(4):297-302

*Seyed Mostafa Ghavami SM, Sajjadian F, Fariba Azabdaftari.* A rare case of intravesical foreign body (Nylon thread): case report. Razi Journal of Medical Sciences, 2017 March; 24(154): 60-63

*Sajjadian F, Seyed Mostafa Ghavami SM.* A rare case of foreign body: Foley catheter migration from the uterus to peritoneal cavity, perforating rectosigmoid colon and abscess formation. J Shahid Sadoughi Univ Med Sci, 2017; 25(1):1-10

#### **Ongoing Research Projects:**

Therapy-induced senescence phenotype in co-cultured MCF-7 cells with tumor fibroblast stromal cells.

#### **Conference presentations:**

*Sajjadian F., Saki GH., Kalantar Mahdavi RA., Sobhani A.* The effect of LIF on low motility sperms in men with asthenospermi. 8<sup>th</sup> Royan international congress, Tehran, Iran, 5-7 September 2007.

*Sajjadian F., Saki GH., Kalantar Mahdavi RA., Sobhani A.* The effect of Leukemia inhibitory factor on Viability of sperm in infertile men. 5<sup>th</sup> Asian- Pacific International Congress of Anatomy and 8<sup>th</sup> Iranian Congress of Anatomical Sciences, Tehran, Iran, 16-19 May 2008.

*Sajjadian F, Soleimani-Rad J, Roshangar L, Hemmati A:* The effects of BSO-induced oxidative stress on testicular ultrastructure in mice. 10<sup>th</sup> Iranian Anatomical Congress Guilan University of Medical Sciences, Rasht, Iran, 9-11 May 2012.

*Sajjadian F, Soleimani-Rad J, Roshangar L, Hemmati A.* The effects of BSO-induced oxidative stress on testicular histology in mice. 18<sup>th</sup> National and 3<sup>th</sup> International Congress on Reproductive Medicine. Tabriz University of Medical Sciences, Tabriz, Iran, 18-20 April 2012.

*Sajjadian F, Soleimani-Rad J, Roshangar L, Soleimani-R S:* The effects of BSO-induced oxidative stress on sperm fertility and ultrastructure of testis in mice. 17<sup>th</sup> Royan International Congress on Reproductive Biomedicine, Tehran, Iran, 31 August- 2 September 2016.

### **Workshops:**

Stem Cell Culture workshop, Tabriz University of Medical Sciences, 19-20 December 2013.

Search for Electronic Resources workshop, Tabriz University of Medical Sciences, 12-13 August 2015.

Systematic review and meta-analysis Basics workshop (meta-analysis), Tabriz University of Medical Sciences, 25-26 November 2015.

Reference Manager workshop, Tabriz University of Medical Sciences, 29 July 2015.

Advanced Research workshop, Tabriz University of Medical Sciences, 26-27 July 2015.

Personal knowledge and empowerment of faculty workshop (political thought and principles of the Islamic Revolution 2), Tabriz University of Medical Sciences, 6-7 february 2016.

English for Academic Purposes Workshop: Writing, Presenting Research Papers & Communication, Tabriz University of Medical Sciences, from 11 December 2015 until 10 January 2016.

Personal knowledge and empowerment of faculty workshop.  
( Epistemology 2), Tabriz University of Medical Sciences, 6-8 September 2016.

Meta-analysis Basics workshop, Tabriz University of Medical Sciences, 20 October 2016.

Poor attention to professional ethics, Tabriz University of Medical Sciences, 13 December 2015

Personal knowledge and empowerment of faculty workshop.  
( Epistemology 3), Tabriz University of Medical Sciences, 9 February 2017

Extracurricular activities. Teachers' Thinking Office, Tabriz University of Medical Sciences, 13 August 2017

Ethics Research Workshop in Publishing, Tabriz University of Medical Sciences, 4 February 2017

Writing and publishing scientific articles, Tabriz University of Medical Sciences, 23 January 2017

Review and review articles, Tabriz University of Medical Sciences, 17 January 2017

Familiarity with resource management software, Tabriz University of Medical Sciences, 9 July 2017

Selection of valid journals for publication of the article, Tabriz University of Medical Sciences, 17 July 2017

Translation of knowledge, Tabriz University of Medical Sciences, 22 June 2017

Extracurricular activities of professors, Tabriz University of Medical Sciences, 19 October 2017

#### **Experimental activities:**

- Tissue processing for **transmission electron microscopy (TEM) and Light Microscope**
- Immunohistochemical Techniques** focusing on apoptosis, proliferation and steroidogenic markers, which were related to the spermatogenic process
- Organ cell culture** approaches
- **Western blot analysis technique**
- Tunnel Staining**
- **In Vitro Fertilization ( IVF )**

