# Curriculum Vitae

## ***Personal Information***


Name: Soheil Sadri
Date of birth: 3/21/1982
Nationality: Iranian
Marital Status: Single
Address: Fertility and Infertility Research center, Stem Cell Division, Kermanshah University of Medical Sciences, Kermanshah, Iran
E-MAIL: soheil.sadri@gmail.com


## ***Education***

2005- 2007 M.Sc. in Developmental Biology, Razi University, Kermanshah, Iran.
GPA: +A (3.754 / 4)
***M.Sc. Thesis:*** Effect of hydrostatic pressure on differentiated PC12 cells.

2001- 2004 B.Sc. in Biology, Razi University, Kermanshah, Iran.

## ***Honors***

- Top student through out M.Sc. Course.
- Introduced as a scientific elite by the National Elite Institute
- The Intenational Cell Death Society (ICDS) membership

## ***Experimental skills***

- Mesenchymal & embryonic stem cell culture, maintenance and differentiation
- Histotechnique
- Cell death detection
- Immunocytochemistry
- 3-Dimenssional cell and tissue culture
- PCR

## ***Presentations***

| | |
|---|---|
| May 2006 | 7th Iranian Congress of Anatomical Science, Kashan ,Iran<br>Survey of Legalon effect on alpha amanitin poisoning in rat liver (Oral Presentation ) |
| June 2007 | 20th Meeting of the European Society for Animal Cell Technology (ESACT), Dresden, Germany<br>Effect of different doses and time exposure of Staurosporine on viability and morphology of PC12 cells (Poster Presentation) |
| May 2008 | 5th Asian Pacific International Congress of Anatomy, Tehran, Iran<br>Hydrostatic pressure induced apoptosis in differentiated PC12 cells (Oral Presentation) |
| August 2008 | 3rd International Conference of Biology, Tehran University, Tehran, Iran<br>Effect of different doses of staurosporine for neuronal differentiation of PC12 cell line (Oral Presentation) |
| August 2008 | 4th Stem Cell Biology & Technology, Tehran, Iran<br>Staurosporine differentiated neuronal cells in dose dependent manner (Poster Presentation, ranked one of the top three posters) |

## ***Publications***

**-Sadri S**, Davary Zanjani M, Azadbakht M, Amini A, Amiri E. Effect of Different Doses of Staurosporine for Neuronal Differentiation of PC-12 Cell Line**.** *J. Iranian Anat. Sci. 2007;5(19), 157-166.*

**-Sadri S,** Davary Zanjani M, Azadbakht M, Amini A, Hill M. Investigation of Apoptosis Induction in Differentiated PC-12 Cells after Exposure to Hydrostatic Pressure. *Yakhteh Medical Journal, 2008; 10(2), 129- 136.*

-Davary Zanjani M, **Sadri S**, Azadbakht M, Amini A, Hill M. Effects of Hydrostatic Pressure on PC12 Cell Line*. J. Iranian Anat. Sci. 2008;6(24), 423-434***.**

-**Sadri S,** Bahrami F, Khazaei M, Hashemi M, Asgari A. The Cannabinoid Receptor Agonist WIN-55,212-2 Protects Differentiated PC12 Cells From Organophosphorus-Induced Apoptosis ( *Int. J. Toxicol. 2010;29(2), 201- 208)*

-**Sadri S,** Davary Zanjani M, Azadbakht M, Amini A, Hill M. Hydrostatic Pressure Induced Apoptosis in PC12 Cells is Related to Inappropriate Cell-Substrate Adhesion (*Submited to Neurosci.Let.*)

## ***Teaching experience***

-Developmental biology at department of cell biology, Razi University (Teaching assistant).
-Animal cell culture techniques at department of cell biology and anatomy, Kermanshah University of Medical Sciences.
-Organizer of the workshop on cell culture teckniques, Kermanshah University of Medical Sciences

## ***Work Experience***

2007 – Present: **Research associate and lab supervisor**
Stem Cell Division, Fertility and Infertility Research Center
Kermanshah, Iran

## ***Research Interests***

1. Cell death in stem cell nich.
2. Cellular and molecular aspects of cell death and differentiation of embryonic and mesenchymal stem cells.
3. Transplantation and cell therapy of stem cells.
4. Tissue engineering.
5. Physical forces in biological systems.

## ***Current projects***

-Comparison of PC12 and embryonic stem cells neuronal differentiation in two and three dimensional culture conditions. (Fertility and Infertility Research Center, Stem Cells Division, Grant# 88042)

-Study of differentiation of insulin producing cells from definitive endoderm of embryonic stem cells. (Fertility and Infertility Research Center, Stem Cells Division, Grant # 88043)