

## Curriculum Vitae

**Zahra Abdi**



### **Personal details:**

First Name: **Zahra**

Last Name: **Abdi**

Place of Birth: **Zanjan, Iran**

Marital Status: **Married**

### **Profession:**

Assistant professor, School of Medicine, Dept. of Anatomical Sciences, Zanjan University of Medical Sciences (ZUMS)

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## **Education:**

**2011-2016**      **Ph.D in Anatomical Sciences**, School of Medicine, Kerman University of Medical Sciences, Kerman, Iran

**Thesis Advisor:** Prof. Seyed Nouredin Nematollahi-Mahani  
Prof. Hossien Eskandary

**Thesis title:** Effects of human bone marrow, human umbilical cord matrix-derived and human olfactory ensheathing stem cells on outgrowth of U87 glioma in Rats.

**2005-2008**      **M.SC in Anatomical Sciences**, School of Medicine, Baghiatallah University of Medical Sciences, Tehran, Iran

**Thesis Advisor:** Prof. Seyed Homayoon Sadraie

**Thesis title:** Study of effects of hexamethylenetetramine on lung tissue in rats after exposed to sulfur mustard.

**1998-2001**      **B. Sc in Radiological sciences**, Tabriz University of Medical Sciences, Tabriz, Iran.

## **Teaching Experience:**

**2016-Present**      Assistant Professor of Anatomical sciences and Academic Member of Zanzan University of Medical Sciences, Zanzan, Iran.

**2011-2016**      Graduate Teaching Associate, Department of Anatomical sciences, School of Medicine, Kerman University of Medical Sciences, Kerman, Iran.

**2013-2014**      Instructor of Anatomical sciences, Department of Anatomical sciences, School of Medicine, Islamic Azad University, Kerman Branch, Kerman, Iran.

**2011-2013**      Instructor of Anatomical sciences, Department of Anatomical sciences, School of Medicine, Bam University, International Branch, Kerman, Iran.

**2005-2008**      Graduate Teaching Associate, Department of Anatomical sciences, School of Medicine, Baghiatallah University of Medical Sciences, Tehran, Iran.

### **Teaching Activities:**

- Head and neck anatomy of medical students. Kerman University of Medical Sciences
- Head and neck anatomy of dental students. Kerman University of Medical Sciences
- Limbs anatomy of physiotherapy students. Kerman University of Medical Sciences
- Trunk anatomy of medical students. Kerman University of Medical Sciences.
- Limbs anatomy of medical students. Kerman University of Medical Sciences.
- Neuroanatomy. Kerman and Zanjan University of Medical Sciences.
- Pelvic anatomy. Kerman and Zanjan University of Medical Sciences.
- General Anatomy. Kerman and Zanjan University of Medical Sciences.
- Limbs anatomy. Kerman and Zanjan University of Medical Sciences.
- Trunk anatomy. Kerman and Zanjan University of Medical Sciences.
- Specific Histology. Kerman and Zanjan University of Medical Sciences.
- General Histology. Kerman and Zanjan University of Medical Sciences.

### **Publications:**

- Human Umbilical Cord Matrix - Derived Stem Cells Show Tropism Towards the Human Glioma Microenvironment. **Abdi Z**, Eskandary H, Nematollahi-Mahani S.N. International journal of Stem cell and Transplantation, 2016, 4 (1), 146-152.
- Induction of Human Glioma Tumor in Sprague-Dawley Rats with Intact Immune System. **Abdi Z**, Eskandary H, Nematollahi-Mahani S.N. Turk Neurosurg, 2016,1-9. DOI: 10.5137/1019-5149.JTN.17260-16.1.
- Effects of Two Types of Human Cells on Outgrowth of Human Glioma in Rats. **Abdi Z**, Eskandary H, Nematollahi-Mahani S.N. Turk Neurosurg, 2016, 1-11. DOI: 10.5137/1019-5149.JTN.18697-16.1.
- Comparison of the Orbital Fossa Dimensions of Men and Women. Sayed Hassan Eftekhari-Vaghefi, Parviz Raygan, Fatemeh Shikh-Bahaie, **Zahra Abdi**. Journal of Kerman university of medical Sciences, 2015, 22 (6), 717
- The protective and therapeutic roles of hexamethylenetetramine and N-Acetyl-Cysteine on sulfur mustard induced oxidative stress in rat serum. Jafari M, Sadraie SH, Kaka GR, **Abdi Z**, Rezaie R, Salehi M. Journal of shahid sadoughi university of medical Sciences. 2015, 23(1), 1783.

- Effects of hexamethylene tetramine on lung tissue macrophages in rats exposed by two different doses of sulfur mustard. Sadraie SH, **Abdi Z**, Abuali F. Iranian Journal of Military Medicine. 2010, 12 (1), 27.
- Study of the Effects of Hexamethylenetetramine (HMT) on the Number of Pleural Visceral Layer Mast Cells in Rats after Exposure to Sulfur Mustard (HD). **Abdi Z**, Sadraie SH, Kaka GR, Jafari M, Sabri M . Journal of Zanzan university of medical Sciences. 2009, 65(16),31.
- Therapeutic and protective effects on the lung parenchyma Hexamethylenetetramine after contamination with two different doses of Sulfur Mustard in male rats in acute phase. **Abdi Z**, Sadraie SH,Hossieni MH, Hajimiri S. Journal of orumieh university of medical Sciences. 2010, 12(1), 27.

### **Laboratory Techniques:**

- Cell culture
- Tissue culture
- Isolation of mesenchymal stem cells from bone marrow
- Isolation of epithelial stem cells from the olfactory bulb
- Isolation of Mesenchymal Stem Cells from Umbilical Cord
- Immunohistochemistry
- Immunocytochemistry
- Induction of a tumor in an animal
- Extract DNA and RNA
- PCR
- Sperm analysis
- Co-culture
- Stem cell differentiation
- Flowcytometry

### **Memberships:**

**2008-2011**                      Member of the Research Committee of the Social Security  
 Organization, Zanzan, Iran.

**2007-2011** Member of the Research Committee of the Emam Hossien Hospital,  
Zanjan, Iran.

**1999-2001** Member of the Student Research Committee of the Tabriz  
University of Medical Sciences, Tabriz, Iran.

### **Workshops:**

- **IVF** Kerman University of Medical Sciences. 2012
- **PCR** Kerman University of Medical Sciences. 2012
- **Search in scientific site** Kerman University of Medical Sciences. 2014
- **SPSS** Kerman University of Medical Sciences. 2014
- **Essay Writing** Kerman University of Medical Sciences. 2008
- **ICDL** Tehran University of Medical Sciences. 2004

### **Teaching Experience in workshops:**

- **IVF** Kerman University of Medical Sciences. 2014
- **Gene Delivery** Kerman University of Medical Sciences. 2014

### **References:**

- **Prof. Hossein Eskandari.** Neurosurgeon. Kerman Neuroscience Center, Kerman University of Medical Sciences. [Eskandari52@yahoo.com](mailto:Eskandari52@yahoo.com)
- **Prof. Homayoon Sadraie.** Ph.D of Anatomy. Baqiyatallah University of Medical Sciences. [hsadraie@yahoo.com](mailto:hsadraie@yahoo.com)
- **Prof. Hossein Eftekhar-Vaghfi.** Ph.D of Anatomical Sciences. Kerman University of Medical Sciences. [sheftekhar@yahoo.com](mailto:sheftekhar@yahoo.com)
- **Prof. Nouredin Nematollahi Mahani.** Ph.D of Anatomical Sciences. Kerman University of Medical Sciences. [nnematollahi@yahoo.com](mailto:nnematollahi@yahoo.com)