



**Fuzieh khani hemmatabadi**

*Assistant Professor, School of Medicine, KUMS*

### **Curriculum Vitae**

#### **Personal Records :**

Name : Fuzieh khani hematabadi

Date of Birth : January 6 , 1985

Nationality : Iranian

Gender : Female

Place of Birth : Lorestan ,Iran

Marital status : Married , 2 child

Appointment : PhD in Anatomical sciences

Address : Faculty of Medicine, Kermanshah University of Medical Sciences, Kermanshah, Iran

E-Mail: [fuziekhani@yahoo.com](mailto:fuziekhani@yahoo.com)

Languages : I know Farsi (native) and English (semi-fluently).

#### ***Educational Records***

##### **B.Sc:**

From: Isfahan University of Medical Sciences, Isfahan, Iran (2007)

Major: Physiotherapy

##### **M.Sc:**

From: Kermanshah University of Medical Sciences, Kermanshah, Iran (2014)

Major: Anatomy

##### **Ph.D:**

From: Iran University of medical sciences Tehran, Iran

Major: Anatomy

## **(Books in Persian)**

**Basics of histology from a cellular, molecular and pathological perspective 2017.**

### **B.Sc. Thesis subject:**

"The effect of exercise therapy on improving balance and gait in elderly patients with vertigo due to vestibular environmental damage"

Supervisors: Dr.ehsan ghasemi, Dr. vahid shayegan nejhad.

### **M.Sc. Thesis subject:**

" Protective effect of curcumin against nicotine-induced damage on reproductive parameters in male mice"

Supervisors: Dr.cyrus jalili, Dr.mozafar khazaei.

### **Ph.D. Thesis subject:**

"Investigation genes involve in maturation in preantral follicles of Balb c mice in vitro by using of alginate capsules as three dimensional scaffold"

Supervisors: Dr. mehrdad bakhtiyari, Dr. cyrus jalili.

## **RESEARCH INTERESTS:**

Biology and pathology of human sperm, oocyte and embryo

In vitro and in-vivo study for male and female reproductive system

ART techniques (SA, IUI, IVM, IVF, ICSI, sperm- egg and embryo freezing, embryo biopsy)

Cell culture and cellular and molecular biology

Addiction

Neuroscience

Three dimensional culture ( sodium alginate capsules )

## **Laboratory skills:**

1. Histotechnique (Tissue processing, paraffin section and cryosection)
2. Sperm analysis, Semen processing mice.
3. Ovarian, Oocyte and follicle Vitrification in mice.
4. 2 D and 3D culture of follicles and assessment of follicles morphology in mice
5. PCR & RNA /DNA extraction, Real time PCR
6. Western blot
7. Enzyme activity
8. ELISA
9. Fluorescent
10. Three dimensional culture in mice follicles by using of sodium alginate

## ***Courses Taught (Teaching experience)***

General anatomy

Embryology

Neuroanatomy

Microanatomy techniques

## **HONORS:**

Top students in graduate and PhD courses.

The best Ph.D thesis in Iran University of Medical Sciences.

## **(Published Full Journal Papers)**

1 - Protective effect of curcumin against nicotine-induced damage on reproductive parameters in male mice

C Jalili, F Khani, MR Salahshoor, S Roshankhah. Int J Morphol 2014; 32 (3), 844-849 .

2 - Effects of Curcumin on Reproductive Parameters in Male Mice

Mohammad Reza Salahshoor, Cyrus Jalili, Mozafar Khazaei, Fuzie Khani . Journal of Clinical Research in Paramedical Sciences ; Volume 1 / Number3 / Autumn 2012 , 31-37 .

3 - The effectiveness of exercise-therapy on improvement of balance, gait, quality of life and depression in elderly patients with vertigo due to peripheral disturbances of vestibular system

Ghasemi E, Shayegannejad V MD, Ghorbani A MD, Momeni N, Khani F ; Journal of Research in Rehabilitation Sciences ; 2009; volume 4/ number 2 , 109-116 .

4 - Effect of Different Concentrations of Sodium Alginate Capsules as 3D Scaffolds on Hormones and Genes expression in Mice Preantral Follicles Compared to 2D Medium: An In Vitro Study

Cyrus jalili, fuzieh khani hemmatabadi, kamran mansouri , mehrdad bakhtiyari

5 - Effect of three-dimensional sodium alginate scaffold on maturation and expression of genes in fresh and cryopreserved preantral follicles in mice

Cyrus jalili , fuzieh khani hemmatabadi, fatemeh moradi, mehrdad bakhtiyari

6 - Anti-proliferative and apoptotic effects of Rosa canina fruit extract on thyroid cancer cells (B-CPAP and Thr.C1-PI 33)

7 - ANTI-PROLIFERATIVE, PRO-APOPTOTIC, AND CHEMOSENSITIZING EFFECTS OF CARTHAMUS TINCTORIUS (SAFFLOWER) EXTRACT ON BREAST CANCER CELL LINE

8 - بررسی اثر عصاره هیدروالکلی میوه گیاه کهورک (Prosopis farcta) بر سمیت القاء شده توسط تموزولومید در رده سلولی گلیوبلاستوم در شرایط برون تنی

9 - Immediate intratesticular injection of circulating blood serum-derived exosomes may alleviate orchitis caused by cisplatin

10 - Hydroalcoholic Extract of Fumaria Parviflora L. Can Potentially Detoxificate HepG2 Cell Line Following Carbon Tetrachloride Exposure

11 - The Anticancer Properties of Diosgenin on Colorectal Cancer Cells Induced by Wnt/B Catenin Signaling Pathway

12 - Molecular Basis of Apoptosis Induced by Taraxasterol on Human Melanoma Cell Line Growth Inhibition: An in-Vitro Study

13 - The Effect of Harmine on Dental Pulp Stem Cells Differentiation Into Neural Cells in Two-Dimensional and Three-Dimensional Cell Cultures

14 - بررسی اثرات زهر عقرب همیسکورپیوس لپتوروس بر زنده ماندن، آپوپتوز، ترشح نیتریک اکساید، میزان Poly (ADP ribose) polymerase و بیان ژن Adenomatous polyposis coli در رده سلولی سرطان کولورکتال

15 - Global prevalence of hydrocele in infants and children: a systematic review and meta-analysis

## **CONGRESS PARTICIPATION:**

### **Poster presentation:**

1-Fuzieh khani, negar momeni, Dr.ehsan ghasemi, Dr. vahid shayegan nejjad. The effect of exercise therapy on improving balance and gait in elderly patients with vertigo due to vestibular environmental damage. 7th International Conference on Physical Education and Sports Science. 2013

2-Dr.cyrus jalili, Dr.mozafar khazaei. Protective effect of curcumin against nicotine-induced damage on reproductive parameters in male mice. 14th International Embryo Congress. 2010

3-Fuzieh khani. Participate in the Second National Congress " Advances in Tissue Engineering and Reconstructive Medicine in Iran". 2015