



**Elham Ghanbari (PhD candidate)**

**Kermanshah University of Medical Science**

*Curriculum Vitae (CV)*

**Kermanshah University of  
Medical Sciences (KUMS)**

**Email:** e\_ghanbari90@yahoo.com; e.ghanbari@kums.ac.ir

**Date prepared: 2. August. 2021**

### **Personal Information:**

**First name:** Elham

**Surname:** Ghanbari

**Nationality:** Iranian

**Place of birth:** Kermanshah, Iran.

### **Education:**

**PhD.** in Tissue Engineering, Department of Tissue Engineering, Faculty of Medicine, Tabriz University of Medical Sciences

**M.Sc.** in Biology ( Histology and Embryology), Department of Biology, Urmia University, Urmia, Iran.

**B.Sc.** in Biology, Sciences Faculty, Razi University, Kermanshah, Iran.

### **Teaching Experience**

Gilan-e-Gharb Payame Noor University, Kermanshah, Iran (2 years)

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

Study on the effect of royal jelly on reproductive parameters in streptozotocin-induced diabetic rats

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

Evaluation of osteo-induction of bioactive glass, magnesium oxide and calcitonin on mesenchymal stem cells in bacterial cellulose/Silk scaffold

## **Laboratory skills:**

Diabetes; Antioxidant Assay; Histotechnique; Green synthetic nanoparticles; Scaffold bone and skin; Nitric Oxide Assay.

## **Research Interests:**

Diabetes; Fertility and Infertility; Polycystic ovary syndrome (PCOS); Three-dimensional culture: human cells and tissues; Nanoparticles.

## **Research Projects**

1. Therapeutic applications and characteristics of *Falcaria Vulgaris* in traditional medicine and experimental studies: A review study
2. Survey of royal jelly effect on sex hormones, antioxidant capacity and ovarian tissue of polycystic ovarian syndrome in rat
3. Effect of chicory hydro-alcoholic extract on the side effect of oxymetholone in rat liver
4. survey of *Solanum melongena* L hydroalcoholic extract on blood factor in diabetic rat
5. study of the effect of natural compounds on antioxidant status, tissues and hormones in animal models.
6. Study of therapeutic effect of *Trifolium pratense* extract on reproductive parameters in diabetic male
7. survey of natural compound effect on side-effect of chemotherapy drug in rat
8. The study of intracerebroventricular injection of Nandrolon on Serum level of testosterone, LH and reproductive tissue in adolescent rats.
9. study of Royal jelly effects on antioxidant status and lipid peroxidation of diabetic rat serum
10. Effect of royal jelly on different body tissues of rats.
11. Survey of hydroalcoholic extract effect of *Trifolium* and *Tribulus terrestris* on thrombocytopenia
12. Survey effect of crab shell hydroalcoholic extract on renal tissue structure and urinary biochemical parameters in diabetic male rats
13. study of *Falcaria vulgaris* effect on reproductive parameter in male mice
14. The effect of extracts and natural compounds on tissue structures and blood parameters in diabetic male rats.
15. Evaluation of osteoinduction of bioactive glass, magnesium oxide and calcitonin on mesenchymal stem cells in bacterial cellulose/ Silk scaffold

16. Synthesis, evaluation, and characterization of antibacterial effects of hybrid polymer (PCL)-zeolite bi-ionic (ZSM-5) Cu based nanofiber

### **Research Activities:**

1. Ghahremani-Nasab M, **Ghanbari E**, Jahanbani Y, Mehdizadeh A, Yousefi M. Premature ovarian failure and tissue engineering, **Q1, IF=6.389**
2. **Ghanbari E**, Khazaei M, Ghahremani-Nasab M, Mehdizadeh A, Yousefi M. Novel therapeutic approaches of tissue engineering in male infertility, **Q1, IF=5.249**
3. Khazaei F, **Ghanbari E**, Khazaei M. Protective effect of royal jelly against cyclophosphamide-induced thrombocytopenia and spleen and bone marrow damages in rats, **Q2, IF=2.479**
4. **Ghanbari E**, Nejati V, Khazaei M. Improvement in serum biochemical alterations and oxidative stress of liver and pancreas following use of royal jelly in streptozotocin-induced diabetic rats, **Q2, IF=2.479**
5. Khazaei F, **Ghanbari E**, Khazaei M. Improved hormonal and oxidative changes by Royal Jelly in the rat model of PCOS: An experimental study, **ISI, Q3**
6. Naseri L, Khazaei M, **Ghanbari E**, Bazm MA. Rumex alveollatus hydroalcoholic extract protects CCL4-induced hepatotoxicity in mice, **Q3, Scopus**.
7. Khazaei M, Ansarian A, **Ghanbari E**. New findings on biological actions and clinical applications of royal jelly: a review, **Q2, PubMed**.
8. **Ghanbari E**, Khazaei MR, Khazaei M, Nejati V. Royal jelly promotes ovarian follicles growth and increases steroid hormones in immature rats, **ISI, Q2**
9. **Ghanbari E**, Nejati V, Azadbakht M. Protective effect of royal jelly against renal damage in streptozotocin induced diabetic rats, **Q4, Scopus**
10. Bazm MA, Khazaei M, **Ghanbari E**, Naseri L. Protective effect of Vaccinium arctostaphylos L. fruit extract on gentamicin-induced nephrotoxicity in rats, **Q3, Scopus**
11. Naseri L, Khazaei M, **Ghanbari E**, Bazm MA. Rumex alveollatus hydroalcoholic extract protects CCL4-induced hepatotoxicity in mice, **Q3, Scopus**
12. Khazaei MR, Makalani F, **Ghanbari E**, Fayzemahdavi M, Khazaei M. An overview of effective herbal and antioxidant compounds on diabetes, **ISI**
13. Makalani F, Khazaei MR, **Ghanbari E**, Khazaei M. Crab shell extract improves serum biochemical markers and histological changes of pancreas in diabetic rats, **Q4, Scopus**

14. **Ghanbari E**, Khazaei M, Yousefzai F. The restorative effect of prosopis farcta on fertility parameters and antioxidant status in diabetic rats, **Q3, Scopus**.
15. **Ghanbari E**, Khazaei MR, Ahangar P, Khazaei M. Crab shell extract improves sperm parameters and antioxidant status in testes of diabetic rats, **Q2, PubMed**.
16. **Ghanbari E**, Ansarian A, Yosefzai F, Khazaei M. Study of antioxidant status and oxidative stress in diabetic rats treated with royal jelly, **Q4, Scopus**.
17. **Ghanbari E**, Khazaei MR, Ahangar P, Khazaei M. Crab shell extract improves sperm parameters and antioxidant status in testes of diabetic rats, **Q2, PubMed**
18. Khazaei F, **Ghanbari E**, Rezvani A, Ghanbari S, Khazaei M. Improvement of blood glucose, serum antioxidant status and liver enzyme changes by hydroalcoholic extract of Solanum melongena green cap in diabetic rats, **ISI**.
19. Ebrahimi Z, Khazaei MR, **Ghanbari E**, Khazaei M. Renal tissue damages and its antioxidant status improved by crab shell extract in streptozotocin-induced diabetic rat, **PubMed**.
20. **Ghanbari E**, Naseri K, Khazaei M, Akbari M, Elahian F, Mirzaei S, Alizadeh A. An introduction to tissue engineering and the most widely used scaffolds, **Q4, Scopus**.
21. Amirkhani R, Farzaei MH, Ghanbari E, Khazaei M, Aneva I. Cichorium intybus improves hepatic complications induced by oxymetholone: an animal study, **ISI**
22. Khazaei F, Yadegari M, Ghanbari E, Heydari MB, Khazaei M. Therapeutic applications and characteristics of Falcaria vulgaris in traditional medicine and experimental studies, **ISI**

### **Abstracts Poster Presentation in Congresses**

- 1- Protective effect of royal jelly on liver histopathology in STZ-induced diabetic rat
- 2- Evaluation of histopathological changes of testicular tissue following consumption of Royal Jell in diabetic rat
- 3- Protective effect of Royal Jelly on changes in blood parameters caused by cyclophosphamide in rats
- 4- Protective effect of royal jelly against cyclophosphamide-induced thrombocytopenia in rats
- 5- Royal Jelly improves hormonal changes caused by polycystic ovary syndrome in a rat model
- 6- Stem cell: its application in urological tissue engineering
- 7- The effect of royal jelly on follicle development in mice
- 8- Extract of Prosopis farcta improve antioxidant status and fertility parameters in male diabetic rats
- 9- Reproductive effects of Berberis integerrima root in female rats

- 10- Endometriosis: its relation to stem cells and cancer
- 11- Effect of Royal jelly on The Testosterone Production in Streptozotocin-Induced Diabetic Rats
- 12- Evaluation of Histopathology changes of Testicular Tissue Following Consumption of Royal Jelly in Diabetic Male rats
- 13- Effects of Royal Jelly on Blood Glucose and Serum Insulin Levels in Rats with Streptozocin-Induced Diabetes
- 14- Protective effects of Royal jelly on serum levels of creatinine and urea in rats with STZ-induced diabetes
- 15- Protective Effect of Royal jelly against Oxidative Stress in Kidney in streptozotocin n induced diabetic rats.