



Hamadan University of Medical Sciences

• **Personal Background:**

Name: Abbas Bakhtiari

Date of Birth: 1986

Nationality: Iranian

Marital Status: Married

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• **Current Position:**

Assistant Professor of Anatomical Sciences

• **Education:**

- Ph.D., in Anatomical Sciences, (2015-2020), *Faculty of Medicine, Isfahan University of Medical Science, Isfahan, Iran*
- M.Sc, in Anatomical Sciences, (2012-2015), *Faculty of Medicine. Hamadan University of Medical Sciences. Hamadan, Iran.*
- B.Sc, in Anesthesiology , (2003-2007), *Faculty of Paraedicine. Kermanshah University of Medical Sciences. Kermanshah, Iran.*

• **Thesis:**

- Study of the effect of Morphine and Pethidine on peritoneal adhesion in addicted male rats after abdominal surgery
- Investigation of the Level of Tumor Necrosis Factor Alpha (TNF- α) in the Blood and Genes and Protein Expression of Integrin Alpha 3 Beta 1 in Endometrium of Normal and Type 2 Diabetic Rats Before and After Treatment with Metformin and Pioglitazone
In vivo and In vitro

Activity & Teaching:

Anatomy (Head & Neck, Trunk, Limbs and Neuroanatomy)

Histology

Embryology

• **Publication:**

A. Papers

1. Identification of anticholinesterase compounds from *Berberis integerrima*, *Rheum ribes* and *Levisticum officinale*. *Annals of Biological Research*, 2013, 4 (12):138-142
2. Morphine Decreased Peritoneal Adhesion in Addicted Male Rats after Abdominal Surgery - *Pharmaceutical sciences*, 2014, 20(1), 18-21
3. THE EFFECT OF FRESH GARLIC ON THE LIPID PROFILE AND ATHEROSCLEROSIS DEVELOPMENT IN MALE RATS FED WITH A HIGH GHEE DIET. *International Journal of Pharmacy and Pharmaceutical Sciences*. Vol 7, Issue 9, 2015
4. Katalcalcin (PDN-21) Serum Level in Patients with Medullary Thyroid Carcinoma: Case-Control Study. *Journal of Military Medicine* 2017, Volume 19, Issue 4 .Pages: 383-389
5. A Rare Anatomical Variation of the Cervical Vertebrae Characterized by the Abnormal Fusion between C4 and C5. *Global Journal of Medicine Researches and Studies*, 1(2) 2014, Pages: 57-60
6. PROTAMINE1 and PROTAMINE2 genes expression in the sperms of oligoasthenospermic individuals and intrauterine insemination candidates couples: Is there any significant differences?. *Adv Biomed Res* 2016;5:164.
7. Evaluation of osteopontin gene expression in endometrium of diabetic rat models treated with metformin and pioglitazone. *Int J Fertil Steril*. 2019; 12(4): 293-297. doi: 10.22074/ijfs.2019.5471.
8. Effect of zinc on spermatogenesis and sperm chromatin condensation in bleomycin, etoposide, cisplatin treated rats. *Cell J*. 2019; 20(4): 521-526. doi: 10.22074/cellj.2019.5522.
9. Impact of metformin and pioglitazone on serum level of tumor necrosis factor-alpha and lipid profiles during implantation window in diabetic rats. *Int J Fertil Steril*. 2019; 13(2): 148-153. doi: 10.22074/ijfs.2019.5636.
10. Diabetes mellitus increased integrins gene expression in rat endometrium at the time of embryo implantation," *Int J Reprod BioMed* 2019; 17: 395–404. <https://doi.org/10.18502/ijrm.v17i6.4810>.
11. The effect of endometrial cell culture on alpha3 beta1 integrin genes and protein expression in type 2 diabetic rats at the time of implantation. *Cell Journal (Yakhteh)* "Volume 24, Number 1, 2022, Serial Number: 85".

12. Improvement of Rat Sperm Chromatin Integrity and Spermatogenesis with Omega 3 following Bleomycin, Etoposide and Cisplatin Treatment (2020). NUTRITION AND CANCER. <https://doi.org/10.1080/01635581.2020.1757128>
13. The advance on nerve tissue engineering: From fabrication of nerve conduit to in vivo nerve regeneration assays. J Tissue Eng Regen Med. 2019;1–24.
14. microRNA-184 in the landscape of human malignancies: a review to roles and clinical significance. Cell Death Discovery (2023) 9:423 ; <https://doi.org/10.1038/s41420-023-01718-1>

B. Books

- Sperm from Spermatogenesis up to Fertilization

• Presentation:

A. Oral

B. Posters

- Impact of metformin and pioglitazone on serum level of tumor necrosis factor-alpha and lipid profiles during implantation window in diabetic rats. The 13th Iranian Anatomical Sciences Congress. 2018, Hamedan, Iran
- Evaluation of osteopontin gene expression in endometrium of diabetic rat models treated with metformin and pioglitazone. The 13th Iranian Anatomical Sciences Congress. 2018, Hamedan, Iran
- The effect of diabetes mellitus on integrins gene expression in rat endometrium at the time of embryo implantation. The 13th Iranian Anatomical Sciences Congress. 2018, Hamedan, Iran
- Investigating the neurotoxic effects of ecstasy pills on passive avoidance memory and spatial memory of adult male Wistar rats. The 7th Addiction Science Congress. 2013. Tehran. Iran
- 12th neurosciences congress. Poster presentation.
- 12th neurosciences congress. Poster presentation.

- **Research Interests:**

- Cell culture
- Stem cell therapy
- Cancer

- **Skills**

- Immunohistochemistry
- Western blot
- PCR & real- time RT-PCR Techniques
- Cell culture
- Histological Staining
- ELISA
- animal handling and inducing animal model