

In the name of GOD



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Knowledge is POWER

Work Experience

Associate Professor

Anatomical Sciences, Department of Anatomical Sciences - Tabriz University of Medical Sciences

2024 to Present

Deputy Director of Education, General Medicine, Department of Anatomy

Anatomical Sciences, Department of Anatomical Sciences - Tabriz University of Medical Sciences

2025 to present

Head of the Examination Center

Tabriz University of Medical Sciences

2025 to present

Assistant Professor

Anatomical Sciences, Department of Anatomical Sciences - Tabriz University of Medical Sciences

2014 to 2024

Former Head of the Education Department, Faculty of Medicine

Faculty of Medicine, Tabriz University of Medical Sciences

Dean of Education and Research Deputy in Sarab Faculty

Anatomical Sciences, Department of Anatomical Sciences- Tabriz University of Medical Sciences

2014 to 2020

Teaching Anatomy for Medical and paramedical students

- Head and Neck Anatomy for Medical, Dental, and Paramedical Students and Postgraduate Studies in Anatomical Sciences
- Neuroanatomy for Medical, Dental, and Paramedical Students
- General Anatomy for Medical, Dental, and Paramedical Students
- Body Anatomy for Medical and Postgraduate Studies in Anatomical Sciences
- Embryology for Medical and Dental Students
- Histology for Medical and Dental Students
- Respiratory Anatomy for Medical Students
- Gastrointestinal Anatomy for Medical Students
- Surgical Anatomy for PhD Students in Anatomical Sciences
- Surface Anatomy for PhD Students in Anatomical Sciences
- Truncal Anatomy for Master's Degree Students in Anatomical Sciences
- Gastrointestinal Anatomy for International Students
- Musculoskeletal Anatomy for International Students

Assistant Professor of Anatomical Sciences

Tabriz University of Medical Sciences

2006 to Present

Nursing Instructor

Tabriz University of Medical Sciences

2006 to Present

Education

Doctoral Degree in Anatomical Sciences

Tabriz University of Medical Sciences

2009 to 2013

Master's in Anatomical Sciences

Tabriz University of Medical Sciences

September 2007 to March 2009

Master of Medical Education

Tabriz University of Medical Sciences

2019 to 2024

B.Sc. in Nursing

Tabriz University of Medical Sciences

2000 to 2004

Skills

- Dissection
- Virtual Anatomy Training with Virtual Anatomy Tables
- Microsoft Office
- Electron Microscopy Techniques
- Light Microscopy Techniques
- Stem Cell Protocols

- Western Blot
- Apoptosis Detection Protocols
- Cell Culture - Polycystic Ovary Syndrome Treatment
- Higher Education
- SQL
- Anatomy Knowledge
- Research
- Physiology Knowledge
- Laboratory Experience
- English
- Hospital Experience
- Academic Consulting
- Curriculum Development
- Teaching
- MATLAB
- Statistics
- SPSS
- Computer Science
- Microscopy
- Artificial Intelligence

Languages

- English - Expert
- German - Intermediate
- Azeri - Expert
- Persian - Expert
- Turkish - Intermediate

Awards

- Tabriz University of Medical Sciences Model Professor, 2025.
- Selected in the 18th Shahid Motahari Festival of Tabriz University of Medical Sciences in the field of designing and producing educational products.

- Second place in the country in the 13th Shahid Motahari Festival in the field of designing and producing educational products.
- The best athlete of the 8th Student Olympiad of Universities of Medical Sciences (MUSO) in football, and the best athlete among students of Tabriz Universities of Medical Sciences, 2011 and 2012.
- First place (Ace) in the Doctoral Students of Anatomical Sciences, Tabriz University of Medical Sciences, September 2011.
- First place (Ace) in the Doctoral Examination of Anatomical Sciences, September 2009.
- First place (Ace) in the Board Examination of Anatomical Sciences, Tabriz University of Medical Sciences, 2009.
- First place (Ace) in the Master's Degree Students of Anatomical Sciences, Tabriz University of Medical Sciences, September 2009.
- First place (Ace) in the Doctoral Examination of Anatomical Sciences, February 2008.

Certifications and Licenses

- BLS Certification
- ACLS Certification
- EMT Certification
- Cell Culture procedures (June 2016 to Present)
- Research Skills (August 2015 to Present)
- Polycystic Ovary Syndrome surgical approaches (March 2017 to Present)
- Cadavre Dissection Approaches (October 2014 to Present)
- Cadavre Fixation approaches (September 2016 to Present)

Publications

1. Abdi M, Karimzadeh H, Jourabchi A, Majdi Seghinsara AM, Khodaie L. Protective effects of Tribulus Terrestris extract on cisplatin-induced ovarian damage: Antioxidants and anti-inflammatory insights. Hum Exp Toxicol. 2025. DOI: 10.1177/09603271251353492.
2. Bahroudi Z, Izadpanah M, Zarnaghi MR, Abedelahi A, Majdi Seghinsara AM, et al. Fibrin encapsulation in addition with melatonin and endothelial cells ameliorated steroidogenesis and GDF-9 and BMP-15 genes expression in rat cryopreserved/thawed ovaries. J Gynecol Obstet Hum Reprod. 2025;102962.

3. Zarnaghi MR, Bahroudi Z, Izadpanah M, Majdi Seghinsara AM, Abedelahi A. Novel approaches used for decreasing apoptosis rate in ovarian tissue cryopreservation and transplantation. *ImmunoAnalysis*. 2024;4(1):2-2.
4. Mouseli S, Natouri O, Majdi Seghinsara AM, Ghorbani M, Mokhtarzadeh AA. Physicochemical and biological characterization of propolis-loaded composite polyamide-6/soybean protein nanofibers for wound healing applications. *Colloids Surf A Physicochem Eng Asp*. 2024;694:134172.
5. Izadpanah M, Majdi Seghinsara AM, Rezaii Zarnaghi M, Abedelahi A. Melatonin and endothelial cell-loaded alginate-fibrin hydrogel promoted angiogenesis in rat cryopreserved/thawed ovaries transplanted to the heterotopic sites. *J Biol Eng*. 2023. [Link](#)
6. Izadpanah M, Rahbarghazi R, Majdi Seghinsara AM, Abedelahi A. Novel approaches used in ovarian tissue transplantation for fertility preservation: Focus on tissue engineering approaches and angiogenesis capacity. *Reprod Sci*. 2023;30(4):1082–1093.
7. Bahroudi Z, Majdi Seghinsara AM, et al. Review of ovarian tissue cryopreservation techniques for fertility preservation. *J Gynecol Obstet Hum Reprod*. 2022;51(2):102290. [Link](#)
8. Asghari R, Shokri-Asl V, Rezaei H, Tavallaie M, Khafaei M, Abdolmaleki A, et al. Alteration of TGFB1, GDF9, and BMP2 gene expression in preantral follicles of an estradiol valerate-induced polycystic ovary mouse model can lead to anovulation, polycystic morphology, obesity, and absence of hyperandrogenism. *PLoS One*. 2021;16:e0255271. [PMC link](#)

9. Sales JG, Behniafar H, Bazavar M, Varshochi M, Majdi Seghinsara AM. Hydatid cysts of the pelvis following pulmonary hydatid disease: A rare case report. *Heliyon*. 2021;7(9). Link
10. Valizadeh S, Majdi Seghinsara A, Maleki Chollou K, Bahadori A, et al. The efficacy of probiotics in experimental autoimmune encephalomyelitis (an animal model for MS): a systematic review and meta-analysis. *Lett Appl Microbiol*. 2021;73(4):408–417.
11. Shariati MBH, Majdi A, Niknafs B, Shokrzadeh N, Alivand MR. Administration of dexamethasone disrupts endometrial receptivity by alteration of expression of miRNA 223, 200a, LIF, Muc1, SGK1, and ENaC via the ERK1/2-mTOR pathway. *J Cell Physiol*. 2019;234(11):19629–19639. Link
12. Shariati MBH, Majdi A, et al. The effect of fludrocortisone on the uterine receptivity partially mediated by ERK1/2-mTOR pathway. *J Cell Physiol*. 2019;234(11):20098–20110.
13. Eyvazi M, Tayefi H, Abedelahi A, Salimnejad R, Majdi A. Effect of Vitamin E and Sodium Selenite on the Expression of Bax and Bcl2 Genes and Renal Histopathology in the Electromagnetic Field-Exposed Mice. *Crescent J Med Biol Sci*. 2019;6(4).
14. Shoorei H, Banimohammad M, Kebria MM, Afshar M, Taheri MMH, Majdi A, et al. Hesperidin improves the follicular development in 3D culture of isolated preantral ovarian follicles of mice. *Exp Biol Med*. 2019;244(5):352–361.
15. Razaz JM, Naziri M, Banimohammad M, Majdi A, Javdan G. Effects of oral gavage treatment of Eupatilin on protection of skin flaps in rats. *Koomesh J*. 2019;21(2):318–323.

16. Seghinsara AM, Shoorei H, Taheri HMH, Khaki A, Shokoohi M, Salimnejad R, et al. Panax ginseng extract improves follicular development after mouse preantral follicle 3D culture. *Cell J*. 2018;21(2):210–219.
17. Kiafar E, Tayefi H, Abedelahi A, Shoorei H, Majdi A. Protective Effects of Vitamin E and Selenium on Liver Tissue Damages Induced by Electromagnetic Field: An Ultrastructural Study. *Crescent J Med Biol Sci*. 2018;5(4).
18. Majdi A, Banimohammad M. New facts about ovarian stem cells: the origin and the fate. *Int J Womens Health Reprod Sci*. 2018;6(2):127–133.
19. Nasrabadi HT, Abedelahi A, Shoorei H, Shokoohi M, Salimnejad R, Majdi A. A variation of musculocutaneous nerve without piercing the coracobrachialis muscle while communicating to the median nerve: a case report and literature review. *Int J Surg Case Rep*. 2017;41:453–455.
20. Razavi SM, Majdi A, Abedelahi A, Tayefi H. Effect of Vitamin E and selenium on oxidative stress and tissue damages induced by electromagnetic field in immature mice ovarian. *Crescent J Med Biol Sci*. 2017;4(3):120–125.
21. Majdi A, Eyni H, Ghorbani S, Dolatkah MA, Salimnejad R, Shoorei H. Anatomical Variation of the Anterior Cutaneous Branch of Femoral Nerve: A Case Report. *Open Access J Surg*. 2017;2(1):1–2.
22. Bani Mohammad M, Majdi A. Polycystic Ovary Syndrome (PCOS), Diagnostic Criteria, and AMH. *Asian Pac J Cancer Prev*. 2017;18(1):17–21.
23. Majdi A, Niknafs B, Soleimani Rad J, Tayefi H, Abedelahi A, Roshangar L, Sayyehmelli M. Differentiation of Human Ovarian Surface Epithelial (OSE) stem cells into primary follicles. *Jokull J*. 2014;64(2):133–150.

24. Roshangar L, Abdollahifard S, Majdi A. Study of ultrastructure and apoptosis in the endometrium of women with or without endometriosis. *Iranian J Reprod Med.* 2011;11(5):399–404.
25. Majdi A, Soleimani Rad J, Roshangar L. Ultrastructural study of endometrium in women with and without endometriosis. *Yakhteh Med J.* 2008;10(1):42–43.