



Curriculum Vitae

Personal Background

First Name: Samereh

Family Name: Dehghani-Soltani

Occupation

Assistant Professor, Department of Anatomical Sciences, Medical Faculty, Rafsanjan University of Medical Sciences, Rafsanjan, Iran.

Academic background

Degree	Location
B.Sc. In Midwifery	Rafsanjan Uni. (Iran)
M.Sc. In Anatomical Sciences	Kerman Uni. (Iran)
PhD. In Anatomical Sciences	Kerman Uni. (Iran)

Teaching experiences

Course	Location	Level
Anatomy (Trunk)	Kerman Uni. (Iran) Rafsanjan Uni. (Iran)	Medical students Midwifery students Anatomy M.Sc. students
Anatomy (upper & lower limb)	Kerman Uni. (Iran) Rafsanjan Uni. (Iran)	Physiotherapy students Medical students Radiology students
Anatomy (head & neck)	Kerman Uni. (Iran) Rafsanjan Uni. (Iran)	Medical students & Dentistry students
Anatomy (abdomen, pelvic & thorax)	Kerman Uni. (Iran) Rafsanjan Uni. (Iran)	Medical students Midwifery students
Anatomy (circulatory & respiratory systems)	Kerman Uni. (Iran)	Medical students
Neuroanatomy	Kerman Uni. (Iran)	Medical students & Dentistry students

	Rafsanjan Uni. (Iran)	
Anatomy (musculoskeletal 1 & 2)	Kerman Uni. (Iran)	Medical students
Histology	Kerman Uni. (Iran)	Medical students

Research Activities

1. **An uncommon variation of the superior laryngeal artery.** *Samereh Dehghani-Soltani*, Seyed Hassan Eftekhari-Vaghefi, Abdolreza Babaee. *Anatomical Sciences* **2016**; 13(1): 63-66.
2. **Different effects of energy dependent irradiation of red and green lights on proliferation of human umbilical cord matrix-derived mesenchymal cells.** *Samereh Dehghani Soltani*, Abdolreza Babaee, Mohammad Shojaei, Parvin Salehinejad, Fatemeh Seyedi. Mahshid JalalKamali, Seyed Nouredin Nematollahi-Mahani. *Lasers Med Sci* **2016**; 31: 255-261.
3. **The prevalence of palmaris longus absence in the city of Kerman in Iran and the relevance of age, gender and body side.** Babaee Abdolreza, *Dehghani Soltani Samere*, Ansari Javad Mohajer, Eftekhari Vaghefi Seyed Hasan, Ezzatabadipour Massood. *Int J of Cur Res Rev* **2015**; 7(14): 45-48.
4. **Melatonin treatment reduces astrogliosis and apoptosis in rats with traumatic brain injury.** Abdolreza Babaee, Seyed Hassan Eftekhari Vaghefi, Majid Asadi-shakaari, Nader Shahrokhi, *Samereh Dehghani Soltani*, Reza Malekpour Afshar, Mohsen Basiri. *Iran J Basic Med Sci* **2015**; 18: 867-872.
5. **Effects of light emitting diode irradiation on neural differentiation of human umbilical cord-derived mesenchymal cells.** *Samereh Dehghani-Soltani*, Mohammad Shojaei, Mahshid Jalalkamali, Abdolreza Babaee, Seyed Nouredin Nematollahi-Mahani. *Scientific Reports* **2017**.
6. **Abnormal origin of superior laryngeal artery and its clinical significance: A case report.** Abdolreza Babaee, *Samereh Dehghani-Soltani*, Seyed Hassan Eftekhari Vaghefi, Seyed Shahaboddin Jahanbani, Massood ezzatabadipour. *JKMU* **2017**; 24(3): 246-249.
7. **A survey on different types of ear lobule in a Kerman population in 2015.** SP Rayegan, H Kouhestani, A Babaee, P shekarreez, A Asafe, *S Dehghani-Soltani*, SH Eftekhari Vaghefi. *J Rafsanjan Univ Med Sci* **2017**; 16(2): 107-16.

8. **An evaluation of tissue destruction time in phrenic nerve after death and counting the number of nerve fibers in C3, C4 and C5 branches.** *SH Eftekhari-Vaghefi, SP Raygan, Sh Eftekhari-Vaghefi, S Dehghani-Soltani, A Babaee.* J babol Univ Med Sci **2017**; 19(3): 59-65.
9. **Pulsed and Discontinuous Electromagnetic Field Exposure Decreases Temozolomide Resistance in Glioblastoma by Modulating the Expression of O6Methylguanine-DNA Methyltransferase, Cyclin-D1 and p53.** *Samereh Dehghani-Soltani, Seyed Hassan Eftekhari-Vaghefi, Abdolreza Babaee, Mohsen Basiri, Lily Mohammadipoor-Ghasemabad, Parisa Vosough, Meysam Ahmadi-Zeidabadi.* Cancer Biotherapy and Radiopharmaceuticals **2021**; 36(7): 579-585.
10. **Photobiomodulation and gametogenic potential of human Wharton's jelly-derived mesenchymal cells.** *Abdolreza Babaee, Seyed Nouredin Nematollahi-Mahani, Samereh Dehghani-Soltani, Mohammad Shojaei, Massood Ezzatabadipour.* Biochemical and biophysical research communications **2019**; 514 (1): 239-45.
11. **Effects of polarized and non-polarized red-light irradiation on proliferation of human Wharton's jelly-derived mesenchymal cells.** *Abdolreza Babaee, Seyed Nouredin Nematollahi-Mahani, Samereh Dehghani-Soltani, Mohammad Shojaei, Massood Ezzatabadipour.* Biochemical and biophysical research communications **2018**; 504 (4): 871-877.
12. **Hippocampal Astrocyte Response to Melatonin Following Neural Damage Induction in Rat.** *Abdolreza Babaee, Seyed Hassan Eftekhari-Vaghefi, Samereh Dehghani-Soltani, Majid Asadi-shakaari, Nader Shahrokhi, Mohsen Basiri.* Basic and Clinical Neuroscience **2021**; 12(2): 177-86.
13. **An Uncommon Anatomical Variation of the Sciatic Nerve.** *Seyed Hassan Eftekhari-Vaghefi, Samereh Dehghani-Soltani, Abdolreza Babaee.* Anatomical Sciences Journal **2017**. 14 (2): 97-100.
14. **Complete ossification of the superior transverse scapular ligament: A case Report.** *S Dehghani-Soltani, M M Taghavi, A Babaee.* Journal of Rafsanjan University of Medical Sciences **2022**; 21(2): 255-60.

15. **The relationship between mandibular dimensions and stature in a Kerman population in 2020.** A Babaee, F Kalantari, E Mirza-Ali, A shabanizadeh, **S Dehghani-Soltani**, M M Taghavi. Journal of Jiroft University of Medical Sciences 2021; 8(3): 699-708.
16. **Ibn Sina as a pioneer in dissection and describe of the circulatory system.** A Babaee, **S Dehghani-Soltani**, Z Taghipour-shool, A Shabanizade, M M Taghavi. Journal of Rafsanjan University of Medical Sciences 2021; 20(7): 845-48.
17. **Investigation of Inhibitory Effect of Sheep Lymph Nodes and Antibiotics on Cutibacterium Acnes, Staphylococcus Aureus, and Staphylococcus Epidermidis in the Laboratory Condition: A Short Report.** Abdolreza Babaee, Ebrahim Rezazadeh Zarandi, Ahmad Shabanizadeh, Zahra Taghipour, **Samereh Dehghani-Soltani**, Mahnaz Ramezani, Amirhesam Khodaei, Mohammad Mohsen Taghavi. Journal of Rafsanjan University of Medical Sciences 2024; 23(6), 568-575.
18. **An interesting change in the branching pattern of abdominal aorta artery in abdominal cavity.** Shiva Roshankhah, Mohammad Reza Salahshoor, Mohammad Mohsen Taghavi, Zahra Taghipour, **Samereh Dehghani Soltani**, Abdolreza Babaee, Akram Molahoseini, Ahmad Shabanizadeh. Journal of Shahrekord University of Medical Sciences 2024; 26(3), 129-131.
19. **The Position of the Third Molar and Its Proximity to the Mandibular Canal in a Dry Mandible: A Case Report.** Samereh **Dehghani-Soltani**, Mohammad Mohsen Taghavi, Abdolreza Babaee. Journal of Rafsanjan University of Medical Sciences 2023; 22(7), 777-784.
20. **A Cadaveric Study of Accessory Phrenic Nerve: Assessment of Prevalence, Origin and Clinical Importance.** Seyed Hassan Efekhar-Vaghefi, Seyed Parviz Raygan, **Samereh Dehghani-Soltani**, Abdolreza Babaee. Anatomical Sciences Journal 2023; 20(2).
21. **A Survey on Morphometry and Topography of Nutrient Foramina and Measurement of Other Anthropometric Parameters in Human Femora and Tibiae: A Descriptive Study.** **Samereh Dehghani-Soltani**, Mohammad Mohsen Taghavi, Zeinab Sirizinezhad, Ahmad Shabanizadeh, Zahra Taghipour, Akram Molahosseini, Abdolreza Babaee. Journal of Rafsanjan University of Medical Sciences 2023; (21(10), 1025-1036.

22. **Complete Ossification of the Superior Transverse Scapular Ligament: A Case Report.** Samereh Dehghani-Soltani, Mohammad Mohsen Taghavi, Abdolreza Babaei. Journal of Rafsanjan University of Medical Sciences 2022; 21(2), 255-260.
23. **Comparing the BMI and Some Physical Parameters Before and One Year After the COVID-19 Pandemic among High School Students in Rafsanjan City, Iran.** Mohammad Mohsen Taghavi, Parvin Khalili, Ahmad Shabanizadeh, Zahra Taghipour, Samereh Dehghani-Soltani, Fatemeh Pouya, Abdolreza Babaei. Journal of Occupational Health and Epidemiology 2022; 11(4), 259-264.
24. **Investigating the effect of royal jelly and nanosilver particles on kidney and liver cytokines.** Hajar Dahim, Mohammad Kazemi-Arababadi, Mohammadmohsen Taghavi, Zahra Taghipour, Samereh Dehghani-Soltani, Abdolreza Babaei, Mohammadreza Rahmani, Alireza Nazari, Mahsa Dalfardi, Hossein Pourmobini, Erfan Shahabinejad, Ahmad Shabanizadeh
2025/4/26. Journal of Shahrekord University of Medical Science
25. **Effect of N-acetylcysteine on HepG2 cells which were induced into fatty liver cells.** Mohammadreza Gholamrezapour, Raziye Taghizadeh Ghavamabadi, MohammadMohsenTaghavi, Samereh DehghaniSoltani, Ahmad Shabanizadeh, Reza Vazirinejad, Zahra Taghipour. 2025/2. Journal of Molecular Histology

Experienced Research Techniques

- ✓ Cell cultures, hUCM isolation from umbilical cord, adipogenic, osteogenic & neurogenic differentiation, Glioblastoma cells
- ✓ Real Time PCR.
- ✓ Flow cytometry, immunohistochemistry, neural induction.
- ✓ IVF
- ✓ Cardiac perfusion, animal laboratory handling, tissue processing.
- ✓ Western blot
- ✓ MTT assay
- ✓ NBT assay
- ✓ Scratch assay
- ✓ Immunocytochemistry

Participate in congress

Role	Presentation Type	Title	congress
Coworker	Poster	The protective effects of melatonin on neuronal death and astrocyte reactivity in the hippocampus of male rats following traumatic brain injury	The 12 th Iranian congress on Anatomical Sciences
Corresponding Author	Poster	A review on human evolution from the perspective of biological science and Quran	The 12 th Iranian congress on Anatomical Sciences
First Author	Oral	A review on motor evolution in animals relying on changes in the human upper limb skeleton	The 12 th Iranian congress on Anatomical Sciences
First Author	Oral	Jamaledaddin Mostaghimi: "Father of modern anatomy" in Iran	The 12 th Iranian congress on Anatomical Sciences
First Author	Poster	Comparative anatomy of the spiral ganglion and organ of Corti in mammalian cochlea	The 12 th Iranian congress on Anatomical Sciences
First Author	Poster	The contribution of painting art in understanding the anatomy of human body	The 12 th Iranian congress on Anatomical Sciences
Corresponding Author	Oral	Human umbilical cord matrix-derived mesenchymal cells: Biological properties and multilineage differentiation potential	The 12 th Iranian congress on Anatomical Sciences
Presenter	Oral	Effect of red and green lights on proliferation of human umbilical cord matrix-derived mesenchymal cells	The 12 th Iranian congress on Anatomical Sciences
Presenter	Poster	Prevalence of accessory phrenic nerve and its clinical importance: a cadaveric study	The 12 th Iranian congress on Anatomical Sciences
Presenter	Poster	Palmaris longus agenesis in relation to the hand dominance	The 12 th Iranian congress on Anatomical Sciences
Presenter	Oral	A review on muscles agenesis in human body	The 12 th Iranian congress on Anatomical Sciences

✓ دانشجوی استعداد درخشان در مقطع کارشناسی ارشد

✓ دانشجوی برتر پژوهشی دانشگاه علوم پزشکی کرمان در سال 1397