



Dr. Mahtab Teimouri - Curriculum Vitae

Personal Information

Mahtab Teimouri (PhD of Anatomical Sciences)

Address (Work): Department of Anatomy, Ilam University of medical sciences ,Iran

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Education

BSc: Radiological Technology (Medical Imaging), Radiology Department, School of Para Medical Sciences, Shahid Beheshti University of Medical Sciences, Tehran, Iran,

MSc: Department of Anatomy, School of Medicine, Isfahan University of Medical Sciences, Isfahan. Iran.

PhD: Department of Anatomy, School of Medicine ,Shahid Beheshti, University of Medical Sciences, Tehran, Iran,

Research Projects

1. **Investigation of Chondrogenesis of Adipose Derived Stem cells in three Dimensional Culture systems**
2. **Investigation of the effects of Noise Stress on Prefrontal Cortex Changes during Prenatal and Postnatal periods**

Publications

1. **Neuroanatomical changes of the medial prefrontal cortex of male pups of Wistar rat after prenatal and postnatal noise stress**

Mahtab Teimouri, Mohamad Hassan Heidari, Abdollah Amini Yousef Sadeghi, Ali Khavanin, Acta Histochemica 122(6) July 2020

2. Comparison of aggrecan gene expression in chondrogenesis of adipose derived stem cells in pellet and micromass culture systems

Mahtab Teimouri ,Batoool Hashemi beni ,Mohammad Mardani .Tehran University Medical Journal, May 2018; Vol. 76, No. 2: 90-95

3. Adipose-Derived Stem Cells Conditioned Media Promote In Vitro Osteogenic Differentiation of Hypothyroid Mesenchymal Stem Cells

Tayebe Sanchooli, Mohsen Norouzian, Mahtab Teimouri, Abdolreza Ardehshirylajimi, Abbas Piryaee , Gene Cell and Tissue , July 2020

4. A Brief Review of Jorjani's Views on Hernias

Reza Mastery Farahani ,Hojjat Allah Abbaszadeh, Mahtab Teimouri, Mohsen Bahrami MOJ Anatomy & Physiology, Volume 4 Issue 5 -December 27, 2017

5. Antioxidants Can Mitigate Decreased Neurogenesis of Neural Stem Cells during Noise Stress

Mahtab Teimouri, Tayebe Sanchooli, Gene, Cell and Tissue 7 (2), 2-1, 2020

6. Which Culture System for Chondrogenesis of Adipose-Derived Stem Cells is better; Pellet or Micromass?

Mahtab Teimouri, Batoool Hashemi Beni, Mohammad Mardani International Journal of Medical Laboratory of Yazd University Vol15-january4,2020

7. Left Bronchus Obstruction and Complete Collapse in an 18 month-old Female, A- Case Report

Mahtab Teimouri, Muhammadhosein Moradi, Sara Ansari, Maryam Teimouri, Ebrahim Jafari, school of medicine students journal of paediatrics June2020,Vol19,No.4:13

8. Gene Therapy: Applications, insights and prospects

Sanchooli T, Teimouri M. Gene Cell Tissue. 2022;9(2):e119589

Teaching Experience

1. Head and Neck Anatomy

- ✓ Practical unit in Cadaver Hall for Medicine Students, Second Semester (89-90) at Isfahan University of Medical Sciences.
- ✓ Practical unit in Cadaver Hall for Medicine Students, First Semester (90-91) at Isfahan University of Medical Sciences.
- ✓ Practical unit in Cadaver Hall for Dentistry Students, Second Semester (90-91) at Isfahan University of Medical Sciences.

2. Upper and lower limb Anatomy

- ✓ Practical unit in Cadaver Hall for Medicine Students Second Semester (90-91) at Isfahan University of Medical Sciences.
- ✓ Practical unit in Cadaver Hall for Medicine Students First Semester (91-92) at Isfahan University of Medical Sciences.

3. Trunk Anatomy

Practical unit in Cadaver Hall for Medicine Students First Semester (91-92) at Isfahan University of Medical Sciences.

4. General Histology

Theoretical and practical units for Midwifery Students, First Semester (92-93) at Jundi Shapur University of Medical Sciences.

5. Special Histology

Practical unit for MSc Students of Anatomy, First Semester (94-95) at Shahid Beheshti University of Medical Sciences.

6. General anatomy

Practical and theoretical units for nursing Students First Semester, 1399-1400 at Azad university of Ilam

7. Radiology in midwifery

Practical unit of radiology in midwifery for midwifery Students, seventh Semester, 1399-1400 at Ilam University of medical sciences.

8. Basics of anatomy

Anatomy, histology and embryology for international students, first semester at Ilam University of medical sciences 1400-1401

9. Musculoskeletal package

Anatomy and embryology of upper and lower limbs for international students, first semester at Ilam University of medical sciences 1400-1401

10. Urogenital package

- ✓ Anatomy, histology and embryology of urogenital system male and female for international students, third semester at Ilam University of medical sciences 1400-1401
- ✓ Anatomy, histology and embryology of urogenital system male and female for international students, third semester at Ilam University of medical sciences 1401-1402

11. Special senses package

- ✓ Anatomy, histology and embryology of special senses for international students, third semester at Ilam University of medical sciences 1400-1401
- ✓ Anatomy, histology and embryology of special senses for international students, third semester at Ilam University of medical sciences 1401-1402

12 .Endocrine package

- ✓ Anatomy, histology and embryology of endocrine system for international students, third semester at Ilam University of medical sciences 1400-1401
- ✓ Anatomy, histology and embryology of endocrine system for international students, third semester at Ilam University of medical sciences 1401-1402

13. Gastrointestinal package

Anatomy, histology and embryology of endocrine system for international students, third semester at Ilam University of medical sciences 1401-1402

Conferences and Workshops

1. Participated at „8th National Congress of Medical Physics of Iran ,

as Member of Executive Committee & Participant During 11-13 June 2008 at Department of Physics of Shahid Beheshti University and Nuclear Energy Organization of Iran, Tehran, Iran. Certificated by Prof. Seyyed Mahmood Reza Aghamiri

2. Participated at „1th Congress of Radiation Protection in Radiotherapy and Invasive - Diagnostic Radiology „ During 24-25 February 2008, Organized by Tehran University of Medical Sciences, Tehran, Iran. Certificated by Chairman, Prof. Abasahl Abolghasem, Dr. Hassan Nedae

3. Participated at „1th Congress of Methods of Teaching in Biomedicine „ During 27-28 September 2012, Organized by Isfahan University of Medical Sciences

Isfahan, Iran. Certificated by Chairman, Prof. Ebrahim Esfandiari. Dr Peyman Adibi

4. Participated at „1th Work shop of Primer Design „ During 28-29 September 2012 Organized by Isfahan University of Medical Sciences Isfahan, Iran. Certificated by Chairman, Prof. Ebrahim Esfandiari. Dr Peyman Adibi

5. Participated at „ 1th Work shop of Symo Body software & Application in Education of Anatomy,, During 27-28 September 2012 Organized by Isfahan University of Medical Sciences Isfahan , Iran Certificated by Chairman, Prof. Ebrahim Esfandiari. Dr. Amrollah Rozbehi

6. Participated at „ 1th Scientific Workshop of Research Methodological „During 25-27 January 2015 Organized by Deputy Research of Shahid Beheshti University of Medical Sciences, Tehran, Iran. Certificated by Prof. Seyyed Ali Ziaee

7.Participated at „ 1th International Student Summer School & Congress of Educational Anatomical Sciences,,During 14-17 November 2015 at Department of Anatomical Sciences and Biology of Tehran University of Medical Sciences, Tehran, Iran. Certificated by Chairman, Prof. Gholamreza Hassan Zade, Prof. Seyyed Amirhossein Emami

8.Participated at „4th International Congress in Basic and Clinical Neurosciences,, During 23-25 December 2015 at Razi Hall, Tehran, Iran. Certificated by Chairman, Prof. Mohammad Taghi Joghataie, Basic Scientific Secretary Prof. Mohammad Javan, Clinical Scientific Secretary Dr. Bahram Haghi Ashtiani

9.Participated at „ 1th Theoretical and Practical Training Workshop on IVF & ICSI Methods in Cancer Patients „During 6-7 October 2015 Organized by Scientific Association of Anatomical Sciences of Iran & Cancer Institute of Tehran University of Medical Sciences, Tehran, Iran. Certificated by Prof. Mohammad Taghi Joghataie, Dr. Reza Shirazi

10. Participated at „ 1th International Theoretical and Practical Training course on Real -Time PCR,,During 30-30 November 2015 provided by Ampliqon A/S Co in cooperation with Viragene Akam Co & Department of Clinical Biochemistry of Shahid Beheshti University of Medical Sciences Tehran, Iran. Certificated by Prof. Helle N.Thestrup, Mahdi Nejadi, Dr. Bahare Yaghmaei

11. Participated at „3rd PAM International School on Appliance of Nanomaterials in Medicine,,During 2-4 November 2016 at Sharif University of Technology.

Certificated by Head of Physics of Advanced Materials Prof. Mohammad Akhavan ,Executive Chair, Prof. Abdolreza Simchi

12. Participated at „2 th International Congress of Reproduction, ISERB Award of Excellence in Reproduction,, During 4-6 April 2016 at Biology and Embryology Scientific Association of Iran at Razi Hall, Tehran, Iran. Certificated by Chairman, Prof. Ahmad Hosseini, Scientific Secretary Prof. Mansoureh Movahedin

13. Participated at „12th National Congress of Educational Anatomical Sciences,, as Member of Executive Committee & Participant During 4-6 May 2016 at Department of Anatomical Sciences and Biology of Shahid Beheshti University of Medical Sciences, Tehran, Iran. Certificated by President of ISAS, Prof. Mohammad Taghi Joghataie, Scientific Secretary Prof. Mohsen Nowrouzian

14.Participated at „ 1th Theoretical and Practical Scientific Workshop on Flow Cytometry,,During 25-27 May 2016 Organized by Deputy Research and Immunology Department of Shahid Beheshti University of Medical Sciences, Tehran, Iran. Certificated by Prof. Seyyed Ali Ziai, Scientific Secretary Prof. Saeed Namaki

15.Participated at „ 1th Student Summer School on Stem Cells & Regenerative Medicine During 20-25 August 2016 Organized by Research Network of Stem Cells & Regenerative Medicine of Shahid Beheshti University of Medical Sciences , Tehran, Iran. Certificated by Prof. Arash Khojasteh ,Dr. Aliasghar Peyvandi, Dr. Abbas Piryaee

Research Interests

- ✓ Human & Animal Derived Mesenchymal Stem Cells (Culture and Differentiation)
- ✓ Radiation and Noise Stress effects on CNS
- ✓ Prenatal & postnatal stress and Embryology
- ✓ Tissue Engineering
- ✓ Anthropology and Morphometry research

Teaching Interests

1. Gross anatomy & Sectional Anatomy
2. Histology & Embryology
3. Micro Technique & Cell Culture
4. Anthropology and Morphometry

Skills and Professional Experiences

- ✓ Teaching of Gross and Sectional Anatomy
- ✓ Human & Animal Dissection
- ✓ Neuroscience Research, Noise Stress induction and Model
- ✓ Extraction of Adipose & Bone Marrow Derived Mesenchymal Stem cells
- ✓ Chondrogenic and Osteogenic differentiation .Stem Cell Culture (Primary & 3D).Tissue Engineering
- ✓ Elevated Plus Maze and Open Field Behavioral Tests
- ✓ Anthropology and Morphometry
- ✓ Tunnel assay,Eliza technique,Immunofluorescency,Immunohistochemistry,Flow cytometry.
- ✓ Extraction of DNA & RNA (Real time -PCR)
- ✓ MRI & Spiral CT scan Techniques
- ✓ Preparation of Histology Sections , Stereology
- ✓ Statistical Analysis software (SPSS)
- ✓ Symo Body Software & Application in Education of Anatomy

Other activities

- ✓ Reviewer of Gene Cell Tissue Journal from 2019- now.
- ✓ Lecturer of education department of Imam Khomeini hospital of Ilam.
- ✓ Coach of the Body Health and Psychosomatic Disorders Courses at Vofour Psychological Institute, under the supervision of the Iranian Psychological Organization , Tehran, Iran.