



## 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

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

### Publications

۱. 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 ۱۲۲(۶) July ۲۰۲۰

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

Mahtab Teimouri ,Batool Hashemi beni ,Mohammad Mardani .Tehran University Medical Journal, May ۲۰۱۸; Vol. ۲۶, No. ۲: ۹۰-۹۵

**۳. 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 ۲۰۲۰

**۴. A Brief Review of Jorjani's Views on Hernias**

Reza Mastery Farahani ,Hojjat Allah Abbaszadeh, Mahtab Teimouri, Mohsen Bahrami MOJ Anatomy & Physiology, Volume ۴ Issue ۵ -December ۲۷, ۲۰۱۷

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

Mahtab Teimouri, Tayebe Sanchooli, Gene, Cell and Tissue ۷ (۲), ۲-۱, ۲۰۲۰

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

Mahtab Teimouri, Batool Hashemi Beni, Mohammad Mardani International Journal of Medical Laboratory of Yazd University Vol ۱۵-january ۴, ۲۰۲۰

**۷. Left Bronchus Obstruction and Complete Collapse in an ۱۸ month-old Female, A- Case Report**

Mahtab Teimouri, Muhammadhosein Moradi, Sara Ansari, Maryam Teimouri, Ebrahim Jafari, school of medicine students journal of paediatrics June ۲۰۲۰, Vol ۱۹, No. ۴: ۱۳

**۸. Gene Therapy: Applications, insights and prospects**

Sanchooli T, Teimouri M. Gene Cell Tissue. ۲۰۲۲; ۹(۲):e۱۱۹۵۸۹

## Teaching Experience

### ۱. Head and Neck Anatomy

- ✓ Practical unit in Cadaver Hall for Medicine Students, Second Semester (۸۹-۹۰) at Isfahan University of Medical Sciences.
- ✓ Practical unit in Cadaver Hall for Medicine Students, First Semester (۹۰-۹۱) at Isfahan University of Medical Sciences.
- ✓ Practical unit in Cadaver Hall for Dentistry Students, Second Semester (۹۰-۹۱) at Isfahan University of Medical Sciences.

## **۲. Upper and lower limb Anatomy**

- ✓ Practical unit in Cadaver Hall for Medicine Students Second Semester (۹۰-۹۱) at Isfahan University of Medical Sciences.
- ✓ Practical unit in Cadaver Hall for Medicine Students First Semester (۹۱-۹۲) at Isfahan University of Medical Sciences.

## **۳. Trunk Anatomy**

Practical unit in Cadaver Hall for Medicine Students First Semester (۹۱-۹۲) at Isfahan University of Medical Sciences.

## **۴. General Histology**

Theoretical and practical units for Midwifery Students, First Semester (۹۲-۹۳) at Jundi Shapur University of Medical Sciences.

## **۵. Special Histology**

Practical unit for MSc Students of Anatomy, First Semester (۹۴-۹۵) at Shahid Beheshti University of Medical Sciences.

## **۶. General anatomy**

Practical and theoretical units for nursing Students First Semester, ۱۳۹۹-۱۴۰۰ at Azad university of Ilam

## **۷. Radiology in midwifery**

Practical unit of radiology in midwifery for midwifery Students, seventh Semester, ۱۳۹۹-۱۴۰۰ at Ilam University of medical sciences.

## **۸. Basics of anatomy**

Anatomy, histology and embryology for international students, first semester at Ilam University of medical sciences ۱۴۰۰-۱۴۰۱

## **۹. Musculoskeletal package**

Anatomy and embryology of upper and lower limbs for international students, first semester at Ilam University of medical sciences ۱۴۰۰-۱۴۰۱

## **۱۰. Urogenital package**

- ✓ Anatomy, histology and embryology of urogenital system male and female for international students, third semester at Ilam University of medical sciences ۱۴۰۰-۱۴۰۱
- ✓ Anatomy, histology and embryology of urogenital system male and female for international students, third semester at Ilam University of medical sciences ۱۴۰۱-۱۴۰۲

### ۱۱. Special senses package

- ✓ Anatomy, histology and embryology of special senses for international students, third semester at Ilam University of medical sciences ۱۴۰۰-۱۴۰۱
- ✓ Anatomy, histology and embryology of special senses for international students, third semester at Ilam University of medical sciences ۱۴۰۱-۱۴۰۲

### ۱۲. Endocrine package

- ✓ Anatomy, histology and embryology of endocrine system for international students, third semester at Ilam University of medical sciences ۱۴۰۰-۱۴۰۱
- ✓ Anatomy, histology and embryology of endocrine system for international students, third semester at Ilam University of medical sciences ۱۴۰۱-۱۴۰۲

### ۱۳. Gastrointestinal package

Anatomy, histology and embryology of endocrine system for international students, third semester at Ilam University of medical sciences ۱۴۰۱-۱۴۰۲

## Conferences and Workshops

۱. Participated at „۸th National Congress of Medical Physics of Iran ,

as Member of Executive Committee & Participant During ۱۱-۱۳ June ۲۰۰۸ at Department of Physics of Shahid Beheshti University and Nuclear Energy Organization of Iran, Tehran, Iran. Certificated by Prof. Seyyed Mahmood Reza Aghamiri

۲. Participated at „۱th Congress of Radiation Protection in Radiotherapy and Invasive - Diagnostic Radiology „ During ۲۴-۲۵ February ۲۰۰۸, Organized by Tehran University of Medical Sciences, Tehran, Iran. Certificated by Chairman, Prof. Abasahl Abolghasem, Dr. Hassan Nedae

۳. Participated at „۱th Congress of Methods of Teaching in Biomedicine „ During ۲۷-۲۸ September ۲۰۱۲, Organized by Isfahan University of Medical

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

۴. Participated at ,, ۱th Work shop of Primer Design ,, During ۲۸-۲۹ September ۲۰۱۲ Organized by Isfahan University of Medical Sciences Isfahan, Iran. Certificated by Chairman, Prof. Ebrahim Esfandiari. Dr Peyman Adibi

۵. Participated at ,, ۱th Work shop of Symo Body software & Application in Education of Anatomy,, During ۲۷-۲۸ September ۲۰۱۲ Organized by Isfahan University of Medical Sciences Isfahan , Iran Certificated by Chairman, Prof. Ebrahim Esfandiari. Dr. Amrollah Rozbehi

۶. Participated at ,, ۱th Scientific Workshop of Research Methodological ,,During ۲۵-۲۷ January ۲۰۱۵ Organized by Deputy Research of Shahid Beheshti University of Medical Sciences, Tehran, Iran. Certificated by Prof. Seyyed Ali Ziaee

۷. Participated at ,, ۱th International Student Summer School & Congress of Educational Anatomical Sciences,,During ۱۴-۱۷ November ۲۰۱۵ 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

۸. Participated at ,, ۴th International Congress in Basic and Clinical Neurosciences,,

During ۲۳-۲۵ December ۲۰۱۵ 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

۹. Participated at ,, ۱th Theoretical and Practical Training Workshop on IVF & ICSI Methods in Cancer Patients ,,During ۶-۷ October ۲۰۱۵ 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

۱۰. Participated at ,, ۱th International Theoretical and Practical Training course on Real -Time PCR,,During ۳۰-۳۰ November ۲۰۱۵ 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

۱۱. Participated at ,, ۳rd PAM International School on Appliance of

Nanomaterials in Medicine,,During ۲-۴ November ۲۰۱۶ at Sharif University of Technology. Certificated by Head of Physics of Advanced Materials Prof. Mohammad Akhavan ,Executive Chair, Prof. Abdolreza Simchi

۱۲. Participated at ,,۲ th International Congress of Reproduction, ISERB Award of Excellence in Reproduction,, During ۴-۶ April ۲۰۱۶ at Biology and Embryology Scientific Association of Iran at Razi Hall, Tehran, Iran. Certificated by Chairman, Prof. Ahmad Hosseini, Scientific Secretary Prof. Mansoureh Movahedin

۱۳. Participated at ,, ۱۲th National Congress of Educational Anatomical Sciences,, as Member of Executive Committee & Participant During ۴-۶ May ۲۰۱۶ 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

۱۴. Participated at ,, ۱th Theoretical and Practical Scientific Workshop on Flow Cytometry,,During ۲۵-۲۷ May ۲۰۱۶ 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

۱۵. Participated at ,, ۱th Student Summer School on Stem Cells & Regenerative Medicine During ۲۰-۲۵ August ۲۰۱۶ 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**

۱. Gross anatomy & Sectional Anatomy
۲. Histology & Embryology
۳. Micro Technique & Cell Culture
۴. 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 ۲۰۱۹- 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.