

Curriculum Vitae

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First Name: Ashraf

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Summary

I received my B.Sc. degree in nursing from the Yazd University of Medical Sciences. I earned my M.Sc. and Ph.D. in Anatomical Sciences from the Shiraz University of Medical Sciences. I teach human anatomy, embryology, and histology to medical and paramedical students, and other health care professionals in Shiraz university of medical sciences. My research interest is stem cells biology, tissue engineering and regenerative medicine.

Qualifications

Ph.D.	Anatomical Sciences Thesis title: Characterization of Decellularized Human Ovary as a Scaffold for Tissue-Engineering Application	School of Medecine, Shiraz University of Medical Science (SUMS)	2013 – 2018
M. Sc.	Anatomical Sciences Thesis title: Effects of L-carnitine and homogenized testis tissue on the testis and sperm parameters in the busulfan–induced infertile male rats	School of Medecine, SUMS	2008 – 2011
B.Sc.	Nursing	School of Nursing and Midwifery, Yazd University of Medical Sciences (YUMS)	2006 – 2008
A.S.	Operating Room Technician	School of Paramedical Sciences, YUMS	2004 – 2006

Work Experience

Assistant Professor	Shiraz University of Medical sciences	Shiraz-Iran	2020-...
Lecturer of human anatomy and histology	International branch of Shiraz University of Medical sciences	Shiraz-Iran	2014 – 2017
Lecturer of human anatomy and histology	Islamic University of Kazeroon	Kazeroon-Iran	2014/09/23 – 2016/02/19
Teaching assistant	Yazd University of Medical Sciences	Yazd-Iran	2012/03/03 – 2013/02/03
Teaching assistant	International branch of Yazd University of Medical sciences	Yazd-Iran	2012/03/03 – 2013/02/03
Nurse & Operation Room Technician	Shohadye Mehrab Hospital (Burn Center)	Yazd-Iran	2008/01/07 – 2008/09/10

Professional Experiences

Teaching Experience

- **Human Gross Anatomy (Neuroanatomy, Head and Neck, Trunk and Limbs Anatomy)** for Medical, Paramedical and Rehabilitation Science Students
- **Surface Anatomy** for Medical and Rehabilitation Science Students
- **Sectional and Radiologic Anatomy** for Radiology Students
- **Human Embryology** for Medwifary Students
- **Human histology** for Medical and Paramedical Students
- **Lab instructor** for human anatomy and histology lecture for **International Medical Students in English language**

Research Interests

- **Tissue engineering and regenerative medicine in reproductive medicine**
- **Stem cells therapy**

Technical Skills and Lab Experience

- **General cell and tissue culture techniques (primary culture and established lines)**
- **Isolation, expansion and differentiation of mesenchymal stem cell from bone marrow, umbilical cord and Fat**
- **Laboratory animals handling, drug administration and sampling**
- **Small animal surgery including Ovariectomy, Nephrectomy, Closed Fracture models, Traumatic brain injury**
- **Immonohistochemistry**
- **Histological & Histochemical techniques**
- **Transmition and Scanning Electron Microscopy**
- **Atomic force Microscopy**
- **MTT Assay**
- **DNA quantification analyziz**
- **Flow cytometry**
- **Western blotting, PCR and RT PCR**
- **Stereology and morphometric analysis**

Computer skills: Microsoft office (Word, PowerPoint, Excel,...), SPSS, Photoshop, ImageJ, EndNote, Prism, Prezi, Stereology Softwars, Camtasia,....

Technology development:

- **Significant contributions to the development and design of the E-histolab application (Virtual Histology Microscope)**
Android and IOS mobile phone application
(<https://play.google.com/store/apps/details?id=com.ehistolab>),
(<https://apps.apple.com/us/app/ehistolab/id1527931366?ign-mpt=uo%3D2>)

Administrations

- **Medical School Human Cadaver Dissection Laboratory Manager**

Fellowships:

- **Research fellowship, Shiraz University of Medical Sciences, Shiraz, Iran,**
- **E-learning fellowship, Shiraz University of Medical Sciences, Shiraz, Iran, from June 27th to July 8th, 2020**
- **Medical education fellowship, Shiraz University of Medical Sciences, Shiraz, Iran, July & August 2020**

Honors and Awards

- ☆ Awarded the **research grant** for significant contributions to the development and design of the E-histolab App, a virtual microscope application, at the 2nd Application of Learning Technologies in Anatomical Sciences Education Festival hosted by SBMU in Tehran, Iran on February 28, 2024.
- ☆ The university proudly bestowed the **top educational process prize** upon the designer of the E-histolab App, a virtual microscope application, at the 15th Martyr Motahari Educational Festival held at SUMS in Shiraz, Iran on December 14, 2022.
- ☆ **First top** student in anatomical sciences **M.Sc.** program, School of Medicine, SUMS in 2011
- ☆ Awarded acceptance for M.Sc. program of anatomical sciences in SUMS without the entrance exam by "Gifted Talent Office" in 2008.
- ☆ **First top** student in nursing **B.Sc.** program, School of Nursing and Midwifery, YUMS in 2008
- ☆ **First top** student in operating room technician **A.S.** program, School of Paramedical Sciences, YUMS in 2006
- ☆ Member of "**Gifted Talent Office**" during M.Sc. and B.Sc. studies; SUMS & YUMS, School of Medicine
- ☆ **Prize for the Best Poster Presented** at the 1st National Congress on Animal Models in Experimental Medical Sciences, 14th April 2016, SUMS, Shiraz, Iran

Publications

- Moasses Z, Aryan A, **Hassanpour-Dehnavi A**, Zarenezhad M, Dorodchi A. **The anatomical variations of median nerve in Shiraz, Iran.** *Anatomy & Cell Biology.* 2024 Mar 3;57(1):18.
- Dortaj H, Vaez A, **Hassanpour-Dehnavi A**, Alizadeh AA. **An update on technical method of cartilage decellularization:(a physical-based protocol).** *BioImpacts.* 2024 Feb 26.
- Rezaei-Tazangi F, Kooshesh L, Tayyebiazar A, Taghizabet N, Tavakoli A, **Hassanpour A**, Aliakbari F, Kharazinejad E, Sharifi AM. **Effects of kisspeptin on the maturation of human ovarian primordial follicles in vitro.** *Zygote.* 2024 Feb;32(1):66-70.
- Taghizabet N, Bahmanpour S, Zarei-Fard N, Rezaei-Tazangi F, **Hassanpour A**, KharaziNejad E, Aliakbari F, Dehghani F. **In vitro growth of the ovarian follicle: taking stock of advances in research.** *JBRA Assist Reprod.* 2022 Jan. PMID: 34995044.

- Hashemibeni B, Pouretezari M, Valiani A, Dortaj H, **Hassanpour A**, Sharifian Z, Rarani MZ, Rajabi A, Izadi S. **Impact of Fibrin on the Chondrogenic Avocado Soybean Unsaponifiables on Poly (Lactic-co-Glycolic) Acid Scaffold**. *Biointerface Research in Applied Chemistry*. 2021;11(4):11525-34.
- Vakili S, Zal F, Mostafavipour Z, Savardashtaki A, Khorchani MJ, **Hassanpour A**. **Effects of quercetin and vitamin E on ovariectomy-induced oxidative stress in rat serum and tibia**. *Archives of Biological Sciences*. 2020 Mar 24;72(1):95-104.
- Hassanpour A, **Hassanpour A**, Rezvani ME, Sharifabad MH, Basiri M. **The Effect of Intermittent Fasting Diet on the Hippocampus of Adult Male Mouse After Inducing Demyelination by Ethidium Bromide Injection**. *Int. J. Morphol.* 2019 Jul 1;37(3):805-14.
- **Hassanpour A**, Talaei-Khozani T, Kargar-Abarghouei E, Razban V, Vojdani Z. **Decellularized human ovarian scaffold based on a sodium lauryl ester sulfate (SLES)-treated protocol, as a natural three-dimensional scaffold for construction of bioengineered ovaries**. *Stem cell research & therapy*. 2018 Dec;9(1):252. (IF: 4.96)
- Kargar-Abarghouei E, Vojdani Z, **Hassanpour A**, Alae S, Talaei-Khozani T. **Characterization, recellularization, and transplantation of rat decellularized testis scaffold with bone marrow-derived mesenchymal stem cells**. *Stem cell research & therapy*. 2018 Dec;9(1):324. (IF: 4.96)
- Homayoun, H., Sh Zahiri, V. Hemayatkhah Jahromi, and **A. Hassanpour**. **Morphological and morphometric study of early-cleavage mice embryos resulting from in vitro fertilization at different cleavage stages after vitrification**. *Iranian journal of veterinary research*. 2016, no. 1 (17): 55.
- Pahlavanhosseini H, Firoozabadi MA, Hassanpour A, Tafti MA, Abbasi A, **Hassanpour A**, Dortaj H, Ghara MH, Mohammadzadeh M, Dashti MH, Anvari M. **Effects of Indomethacin and Meloxicam, Nonsteroidal Anti-inflammatory Drugs, on Tibia Fracture Union in Rats**. *Journal of Orthopedic and Spine Trauma*. 2016;2(4).
- Bagheri SM, Yadegari M, Porenteziari M, Mirjalili A, **Hasanpor A**, Dashti RM, Anvari M. **Effect of Ferula assa-foetida oleo gum resin on spermatic parameters and testicular histopathology in male wistar rats**. *Journal of Ayurveda and integrative medicine*. 2015 Jul;6(3):175.
- Dehghani F, **Hassanpour A***, Poost-pasand A, Noorafshan A, Karbalay-Doust S. **Protective effects of L-carnitine and homogenized testis tissue on the testis and sperm parameters of busulfan-induced infertile male rats**. *Iranian journal of reproductive medicine*. 2013 Sep;11(9):693.

Meeting & Conference Presentations

- **E-histolab, a virtual microscope application**. The 2nd National Congress on Application of Learning Technologies in Anatomical Sciences Education. 28th February 2024, SBMU, Tehran, Iran. (Awarded Best Oral presentation)
- **A Closed Tibial Fracture Model in the Rat**. Azam Hassanpour, Hamid Pahlavan-hosseini, Mohammad Ayati Firoozabadi, Abolghasem Abbasi, **Ashraf Hassanpour**, Hengameh Dortaj, Morteza Anvari. The 1st National Congress on Animal Models in Experimental Medical Sciences, 14th April 2016, SUMS, Shiraz, Iran. (Poster presentation)

- **In vivo Stem Cell tracking.** Azam Hassanpour, **Ashraf Hassanpour**, Samira ramin fard, Aris Peracha. Iranian Congress on Biology and Applications of Stem Cells. 27-29 April 2011, Mashhad, Iran. **(Poster presentation)**
- **Effects of the caloric-restricted diet on the life span and ageing processes.** Azam Hassanpour, **Ashraf Hassanpour**. 11th Iranian Nutrition Congress, 1-4 November 2010, Shiraz, Iran. **(Oral presentation)**

Workshops Presented

- Experience navigating a startup's journey from idea to investor negotiations, Department of Anatomical Sciences, School of Medicine, Shiraz, Iran, March 2nd & 9th. 2023.
- 4th Stem cell & 1st Molecular Sadra Stem cell research laboratory workshop, Shiraz, Iran, Jun 24th to 30th 2017.
- Laboratory Animal workshop, Students Research Committee, YUMS, Yazd, Iran, 6th December, 2012.
- Laboratory Animal workshop, Students Research Committee, YUMS, Yazd, Iran, 13th December, 2012.

Workshops Attended

- Flowcytometry at the 5th postgraduate summer school, 20th to 25th August 2016, SUMS, Shiraz, Iran
- Principles of PCR at the 5th postgraduate summer school, 20th to 25th August 2016, SUMS, Shiraz, Iran.
- Principles of Real time PCR at the 5th postgraduate summer school, 20th to 25th August 2016, SUMS, Shiraz, Iran.
- Principles of Primer Design for Real time PCR at the 5th postgraduate summer school, 20th to 25th August 2016, SUMS, Shiraz, Iran.
- Strategic planning design & business planning, Tissue engineering & Stem cells research Center, 2th to 3th October 2016, SUMS, Shiraz, Iran.
- Communication Skills, Postgraduated Students Committee, SUMS, Shiraz, Iran, 27th July, 2016.
- Social laziness; Causes and Solutions, Rehabilitation Research Club, SUMS, Shiraz, Iran, 5th March, 2014.
- IVF in the laboratory mice, Shahid Rahnemon research Center, YUMS, Yazd, Iran, December 20, 2012.
- Stereological techniques, Research and technology vice-chancellor of SUMS, Shiraz, Iran, 4th November, 2010.
- Endnote X3, Vice-Chancellor of Research of SUMS, Shiraz, Iran, 14th December, 2009.
- Principles of health & Safety in biomedical research laboratories, SUMS, Shiraz, Iran, March, 2009.