

In the name of God



Curriculum Vitae

Last Update: ۹/۲۰۲۵ December

I - Personal History

Name: Mehrzad

Sure name: Jafari Barmak

Degree: Ph.D of Histology (Professor)

Citizenship: Iranian

Position: Professor

College Address: Department of Anatomy, Faculty of Medical Sciences, Yasuj University of Medical Sciences.

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II - Educational History or Educational Qualifications

- B.Sc , Yasuj University of Medical Sciences, Iran: ۱۹۹۶-۲۰۰۰
- M.Sc, Histology, Isfahan University of Medical Sciences, Iran: ۲۰۰۱-۲۰۰۴
- Ph.D , Comparative Histology, Shiraz University Sciences, Iran: ۲۰۰۸-۲۰۱۲

III- Professional Positions

Academic staff of Histology, Yasuj University of Medical Sciences, Iran

IV. Academic Experiences

A- Teaching Assistant for B.Sc. Courses in Medical Anatomy, Histology (۲۰۰۴ to Now)

B- Teaching Assistant for M.Sc. Courses in Medical Anatomy, Histology (۲۰۰۴ to Now)

Scientific Skills:

- 1. Histological, Anatomy and Embryology Techniques**
- 2. Histological Engineering Techniques**
- 3. Cellular and Molecular Techniques**

Research Interest:

- 1. Histological Engineering**
- 2. Cell culture, Biology**

A: Publications in English

- 1-** Ghanbari A, Rad F, Shahraki MH, Hosseini E, Barmak MJ, Zibara K. Human mesenchymal stem cells-derived microvesicles increase oligodendrogenesis and neurogenesis of cultured adult neural stem cells. *Neuroscience Letters*. ۲۰۲۴ Oct ۱۵;۸۴۱:۱۳۷۹۵۱.
- 2-** Mahmoudi R, Karbalay-Doust S, Masoudi E, Jafari-Barmak M, Ghanbari A, Nikseresht M, Mortazavi SM, Mortazavi SA. Mitigating Heat-Induced Sperm Damage and Testicular Tissue Abnormalities: The Protective Role of Radiofrequency Radiation from Wi-Fi Routers in Rodent Models. *Journal of Biomedical Physics and Engineering*. ۲۰۲۴ Sep ۱.
- 3-** Jafari Z, Bardania H, Barmak MJ, Eslami S, Mahmoudi-Mourderaz Y, Roustaei N, Talebianpoor MS, Kokhdan EP, Khoramrooz SS. Antimicrobial, Anti-inflammatory, and Wound Healing Properties of Myrtus communis Leaf Methanolic Extract Ointment on Burn Wound Infection Induced by Methicillin-Resistant Staphylococcus aureus in Rats. *BioMed Research International*. ۲۰۲۴;۲۰۲۴(۱):۶۷۵۸۸۱۷.

- 4- Mahmoudi R, Mohammadi S, Mahmoudi R, Fouani MH, Ardakani MT, Hadi A, Nikseresht M, Barmak MJ, Karimpour F, Bardania H. Nanodelivery of Δ -Fluorouracil and Curcumin by RGD-Decorated Nanoliposomes Achieves Synergistic Chemotherapy for Breast Cancer. *IET Nanobiotechnology*. ۲۰۲۴;۲۰۲۴(۱):۴۹۵۹۱۹۵.
- 5- Bardania H, Jafari F, Baneshi M, Mahmoudi R, Ardakani MT, Safari F, Barmak MJ. Folic acid-functionalized albumin/graphene oxide nanocomposite to simultaneously deliver curcumin and Δ -fluorouracil into human colorectal cancer cells: an in vitro study. *BioMed Research International*. ۲۰۲۳;۲۰۲۳(۱):۸۳۳۴۱۰۲.
- 6- Gheitani I, Doustimotlagh AH, Kokhdan EP, Akbari G, Barmak MJ. Renoprotective effects of zinc sulfate against transient liver ischemia/reperfusion injury in rats. *Heliyon*. ۲۰۲۳ May ۱;۹(۵).
- 7- Barmak MJ, Nouri E, Shahraki MH, Ghalamfarsa G, Zibara K, Delaviz H, Ghanbari A. Safflower seed oil, a rich source of linoleic acid, stimulates hypothalamic neurogenesis in vivo. *Anatomy & Cell Biology*. ۲۰۲۳ Jun ۱;۵۶(۲):۲۱۹-۲۷.
- 8- Bardania H, Jafari F, Baneshi M, Mahmoudi R, Ardakani MT, Safari F, Barmak MJ. Folic acid-functionalized albumin/graphene oxide nanocomposite to simultaneously deliver curcumin and Δ -fluorouracil into human colorectal cancer cells: an in vitro study. *BioMed Research International*. ۲۰۲۳;۲۰۲۳(۱):۸۳۳۴۱۰۲.
- 9- Hashemi SS, Saadatjo Z, Mahmoudi R, Delaviz H, Bardania H, Rajabi SS, Rafati A, Zarshenas MM, Barmak MJ. Preparation and evaluation of polycaprolactone/chitosan/Jaft biocompatible nanofibers as a burn wound dressing. *Burns*. ۲۰۲۲ Nov ۱;۴۸(۷):۱۶۹۰-۷۰۵.
- 10- Jafari Z, Bardania H, Jafari Barmak M, Mahmoudi Mourderaz Y, Roustaei N, Talebianpoor MS, Panahi Kokhdan E, Khoramrooz SS. Effect of Polycaprolactone Scaffold Containing Myrtus Communis Extract and Silver Nanoparticles on the Burn Wound Infection Induced by Methicillin-resistant Staphylococcus Aureus in Rats. *Qom University of Medical Sciences Journal*. ۲۰۲۲ Jul ۱۰;۱۶(۴):۲۸۰-۹۵.
- 11- Jafari Z, Bardania H, Jafari Barmak M, Mahmoudi-mourderaz Y, Roustaei N, Talebianpoor MS, Panahi Kokhdan E, Seyed Sajjad K. The effect of Polycaprolactone scaffold with Myrtus communis and silver nanoparticles on wound healing and antimicrobial properties on burn wound infection induced by Methicillin-resistant Staphylococcus aureus in rats. *Qom University of Medical Sciences Journal*. ۲۰۲۲ Apr ۱۰;۱۶(۲).
- 12- Najafabadi PS, Delaviz H, Asfaram A, Barmak MJ, Ghanbari A, Alipour M, Rad P, Bardania H. Evaluation of the Biodistribution of Arginine, glycine, aspartic acid peptide-modified Nanoliposomes Containing Curcumin in Rats. *Iranian Journal of Biotechnology*. ۲۰۲۲ Apr;۲۰(۲):e۲۹۹۰.
- 13- Arsalan Z, Asfaram A, Ghitani I, Bizhani F, Negintaji K, Jafari Barmak M, Ghanbari A. Empowerment of balb/C mouse neuron and glial cells in steroidogenesis after activation of the SHH signaling pathway and Co-treatment with pregnenolone. *Armaghane Danesh*. ۲۰۲۲ Apr ۱۰;۲۷(۳):۳۲۱-۳۵.
- 14- Jafari M, Masoudi E, Sotoudeh N, Hosseini SF. Effects of Heat and Wi-Fi (۲/۴ GHz) Exposure on Rat Cardiovascular System. *Health Scope*. ۲۰۲۲;۱۱(۳).
- 15- Mahmoudi R, Hassandokht F, Ardakani MT, Karimi B, Roustazadeh A, Tarvirdipour S, Barmak MJ, Nikseresht M, Baneshi M, Mousavizadeh A, Shirazi MS. Intercalation of curcumin into liposomal chemotherapeutic agent augments apoptosis in breast cancer cells. *Journal of Biomaterials Applications*. ۲۰۲۱ Mar;۳۵(۸):۱۰۰۵-۱۸.
- 16- Mahmoudi R, Ashraf Mirahmadi-Babaheidri S, Delaviz H, Fouani MH, Alipour M, Jafari Barmak M, Christiansen G, Bardania H. RGD peptide-mediated liposomal curcumin targeted delivery to breast cancer cells. *Journal of biomaterials applications*. ۲۰۲۱ Feb;۳۵(۷):۷۴۳-۵۳.
- 17- Hashemi SS, Rajabi SS, Mahmoudi R, Ghanbari A, Zibara K, Barmak MJ. Polyurethane/chitosan/hyaluronic acid scaffolds: providing an optimum environment for fibroblast growth. *Journal of Wound Care*. ۲۰۲۰ Oct ۲;۲۹(۱۰):۵۸۶-۹۶.
- 18- Abbasian Z, Barmak MJ, Barazesh F, Ghavamizadeh M, Mirzaei A. Therapeutic efficacy of Trifolium pratense L. on letrozole induced polycystic ovary syndrome in rats. *Plant Science Today*. ۲۰۲۰ Sep ۱;۷(۳):۵۰۱-۷.
- 19- Doustimotlagh AH, Kokhdan EP, Vakilpour H, Khalvati B, Barmak MJ, Sadeghi H, Asfaram A. Protective effect of Nasturtium officinale R. Br and quercetin against cyclophosphamide-induced hepatotoxicity in rats. *Molecular biology reports*. ۲۰۲۰ Jul;۴۷(۷):۵۰۰۱-۱۲.
- 20- Azarmehr N, Bardestani F, Jafari M, Dousti Motlagh AM. Hepatoprotective and antioxidative effect of rosmarinic acid against bile duct ligated (bdl)-induced cholestatic in male rats. *Armaghane danesh*. ۲۰۱۹ Dec ۱۰;۲۴(۶):۱۰۳۹-۵۳.
- 21- Hashemi SS, Saadat Jo Z, Mahmoudi R, Delaviz H, Berdania H, Salehpour Z, Jafari Barmak M, Ghanbari A. Evaluation of Fibroblast Cell Proliferation Assay on Polycaprolactone-Chitosan-Tannic Acid Scaffold. *Armaghane Danesh*. ۲۰۱۹ Nov ۱۰;۲۴(۵):۷۷۹-۹۴.
- 22- Jafari M, Delaviz H, Torabi S, Mohammadi J, Gheitani I. The Effect of Muscle Graft With Nerve Growth Factor and Laminin on Sciatic Nerve Repair in Rats. *Basic and Clinical Neuroscience*. ۲۰۱۹ Jul;۱۰(۴):۳۳۳.
- 23- Mahmoudi R, Azizi A, Abedini S, Jahromi VH, Abidi H, Barmak MJ. Green tea improves rat sperm quality and reduced cadmium

- chloride damage effect in spermatogenesis cycle. Journal of medicine and life. ۲۰۱۸ Oct; ۱۱(۴):۳۷۱.
- 24- Barmak MJ, Mahmoudi R, Bardania H. Evaluation of the effect of the internal layer of oak fruit (jaft) extract on the prevention of gastric ulcers caused by stress in male rats. Journal of medicine and life. ۲۰۱۸ Jul; ۱۱(۳):۲۲۵.
 - 25- Jafari M, Saadatmand S, Zangi MR, Iranbakhsh AR. Effect of pix (mepiquat chloride) on the salinity resistance of new cultivars of cotton (*Gossypium hirsutum* L.) in the seedling stage. Applied Ecology & Environmental Research. ۲۰۱۸ Aug ۱; ۱۶(۴).
 - 26- Hashemi, SS Rajabi, R Mahmoudi, A Ghanbari, M Jafari Barmak .Study of the effect of hyaluronic acid on the behavior of skin fibroblasts cultured on chitosan scaffold. SS.Armaghane danesh ۲۳ (۲), ۱۳۴-۱۴۵.
 - 27- MJB SeyedeH-Sara Hashemi, SeyedeH-Somayah Rajabi , Reza Mahmoudi, Amir Ghanbari. The behavior of skin fibroblast cells on three-dimensional electrospun scaffolds. ۷th Iranian Burn Conference, ۷۵-۷۶
 - 28- Sajad H, Amrollah R, Farzad SF, Mehrzad JB. Effect of Hydroalcoholic Extract of Valerian on Number and Morphology of Raphe Magnus Astrocytes in Rat Model. Journal of Clinical & Diagnostic Research. ۲۰۱۸ Feb ۱; ۱۲(۲).
 - 29- Mirzaei A, Afshoon A, Amini MA, Barmak MJ. Antioxidant and Anti-Inflammatory Potential of Iranian Chicken Broth. INTERNATIONAL JOURNAL OF ADVANCED BIOTECHNOLOGY AND RESEARCH. ۲۰۱۸ Jan ۱; ۹(۱):۲۰۵۴-۹.
 - 30- Mahmoudi R, Honarmand Z, Karbalay-Doust S, Jafari-Barmak M, Nikseresht M, Noorafshan A. Using curcumin to prevent structural impairments of testicles in rats induced by sodium metabisulfite. EXCLI journal. ۲۰۱۷; ۱۶:۵۸۳.
 - 31- Sadeghi H, Parishani M, Akbartabar Touri M, Ghavamzadeh M, Jafari Barmak M, Zarezade V, Delaviz H, Sadeghi H. Pramipexole reduces inflammation in the experimental animal models of inflammation. Immunopharmacology and Immunotoxicology. ۲۰۱۷ Mar ۴; ۳۹(۲):۸۰-۶.
 - 32- Mirzaei A, Afshoon A, Barmak MJ. Antioxidant activity of meat from chicken and goat cooked in microwave cooking system. Int J Adv Biotechnol Res. ۲۰۱۷ Jan ۱; ۸:۱۰۹-۴.
 - 33- Fallahzadeh AR, Rezaei Z, Rahimi HR, Barmak MJ, Sadeghi H, Mehrabi S, Rabani SM, Kashani IR, Barati V, Mahmoudi R. Evaluation of the effect of pentoxifylline on cisplatin-induced testicular toxicity in rats. Toxicological research. ۲۰۱۷ Jul; ۳۳:۲۵۵-۶۳.
 - 34- Sadeghi H, Hosseinzadeh S, Touri MA, Ghavamzadeh M, Barmak MJ, Sadeghi H. Hepatoprotective effect of Rosa canina fruit extract against carbon tetrachloride induced hepatotoxicity in rat. Avicenna journal of phytomedicine. ۲۰۱۶ Mar; ۶(۲):۱۸۱.
 - 35- Jafari Barmak M, Roozbehi A. Effect of hydro-alcoholic extract of *Carum copticum* on withdrawal syndrome in adult rats addicted to morphine. Armaghane Danesh. ۲۰۱۶ Feb ۱۰; ۲۰(۱۱):۹۹۶-۱۰۱۰.
 - 36- Mahmoudi R, Enant E, Delaviz H, Rad P, Roozbehi A, Barmak MJ, Azizi A. The effects of l-arginine on the hippocampus of male rat fetuses under maternal stress. Basic and Clinical Neuroscience. ۲۰۱۶ Jan; ۷(۱):۵.
 - 37- Jamshid M, Jafar N, Bahram M, Mehrzad JB, Tahereh V, Sharif TM. The healing effect of combined hydroalcoholic extract of *Teocurium polium* and the seed hull of *Quercus brantii* on burn wounds in rats. Health Sciences. ۲۰۱۶ Jan ۱; ۵(۱۰):۲۳۲-۷.
 - 38- Mahmoudi R, Enant E, Delaviz H, Rad P, Roozbehi A, Barmak MJ, Azizi A. The effects of l-arginine on the hippocampus of male rat fetuses under maternal stress. Basic and Clinical Neuroscience. ۲۰۱۶ Jan; ۷(۱):۵.
 - 39- Safari S, Jafaribarmak M, Nikseresht M, Torabi S, Mahmodi R. The Exposure Duration and Distance Effects of Microwave Radiation from Wireless Routers on Sperm Parameters of Wistar Rats. Armaghane Danesh. ۲۰۱۵ Dec ۱۰; ۲۰(۹):۸۲۵-۳۵.
 - 40- Enanat E, Delaviz H, Mahmoudi R, Roozbehi A, Jafari Barmak M, Servatkah M, Moreidikia F. Protective effects of arginine on fetal brain under maternal immobilization stress. Armaghane Danesh. ۲۰۱۵ Oct ۱۰; ۲۰(۷):۶۲۳-۳۸.
 - 41- Mousavi M M, Jafari Barmak M, Nikseresht M, Sadeghi H, Hedayatpour A, Abidi H, Mahmoudi R. The Protective effect of Ellagic acid on rats' ovarian fetus toxicity induced by cyclophosphamide. Armaghane Danesh. ۲۰۱۵ Oct ۱۰; ۲۰(۷):۶۰۱-۱۰.
 - 42- Hoshmand Motlagh K, Jafari Barmak M, Dehghan Manshadi A, Vahdati A, Zargar HR, Mahmoudi R. Protective Effects of Lycopene and Ellagic Acid on Gonadal Tissue, Maternal Newborn Rats Induced by Cadmiumchloride. Armaghane Danesh. ۲۰۱۵ Aug ۱۰; ۲۰(۵):۳۶۹-۸۰.
 - 43- DH Mirzaei Ali^{۱*}, Jafari Mehrzad Barmak. Prevalence of Iron Deficiency in Iranian Boy's Primary Schools in Yasuj. Research Journal of Pharmaceutical, Biological and Chemical Sciences ۶ (۳), ۳۳۹.
 - 44- JBM Mirzaei Ali^{۱*}, Mirzaei Mahsa. Effect of Boiling Cooking on Antioxidant Activities and Phenolic Content of Selected Iranian Vegetables. Research Journal of Pharmaceutical, Biological and Chemical Sciences ۶ (۳), ۶۳۶.
 - 45- Toori MA, Joodi B, Sadeghi H, Sadeghi H, Jafari M, Talebianpoor MS, Mehraban F, Mostafazadeh M, Ghavamizadeh M. Hepatoprotective activity of aerial parts of *Otostegia persica* against carbon tetrachloride-induced liver damage in rats. Avicenna journal of phytomedicine. ۲۰۱۵ May; ۵(۳):۲۳۸.
 - 46- Mahmoudi R, Mortazavi SM, Safari S, Nikseresht M, Mozdarani H, Jafari M, Zamani A, Haghani M, Davari M, Tabatabaie A, Soleimani A. EFFECTS OF MICROWAVE ELECTROMAGNETIC RADIATIONS EMITTED FROM COMMON WI-FI ROUTERS ON RATS'SPERM COUNT AND MOTILITY.
 - 47- Toori MA, Mosavi E, Nikseresht M, Barmak MJ, Mahmoudi R. Influence of insulin-like growth factor-i on maturation and fertilization rate of immature oocyte and embryo development in NMRI mouse with TCM^{۱۹۹} and α -MEM medium. Journal of clinical and diagnostic research: JCDR. ۲۰۱۴ Dec; ۸(۱۲):AC۰۵.

- 48- Mehraban F, Jafari M, Toori MA, Sadeghi H, Joodi B, Mostafazade M, Sadeghi H. Effects of date palm pollen (*Phoenix dactylifera* L.) and *Astragalus ovinus* on sperm parameters and sex hormones in adult male rats. Iranian journal of reproductive medicine. ۲۰۱۴ Oct; ۱۲(۱۰):۷۰۵.
- 49- Sadeghi H, Zarezade V, Sadeghi H, Toori MA, Barmak MJ, Azizi A, Ghavamizadeh M, Mostafazadeh M. Anti-inflammatory activity of *Stachys pilifera* Benth. Iranian Red Crescent Medical Journal. ۲۰۱۴ Sep; ۱۶(۹).
- 50- Momeni E, Aroei N, Barmak MJ, Hosseini SM, Mahmoudi R, Mohammadi J, Aroei M, Moghimi M, Godarzi F. Compare Oak extract, *Teucrium Polium*, *Hyper Perforatum* and silver sulfadiazine ۱٪ on a second grade burn wounds in rats.
- 51- Kamali AM, Nikseresht M, Delaviz H, Barmak MJ, Servatkah M, Ardakani MT, Mahmoudi R. In vitro cytotoxic activity of *Matricaria chamomilla* root extract in Human breast cancer cell line MCF-۷. Life Sci. J. ۲۰۱۴; ۱۱:۴۰۳-۶.
- 52- Sadeghi H, Mostafazadeh M, Sadeghi H, Naderian M, Barmak MJ, Talebianpoor MS, Mehraban F. In vivo anti-inflammatory properties of aerial parts of *Nasturtium officinale*. Pharmaceutical Biology. ۲۰۱۴ Feb ۱; ۵۲(۲):۱۶۹-۷۶.
- 53- Torabi S, Mahmoudi R, Rozbehi A, Jafari Barmak M, Rad P, Delaviz H. Growth Factor and Laminin Effect with Muscular Fiber Sheath on Repairing of the Sciatica Nerve. Armaghane Danesh. ۲۰۱۴ Jan ۱۰; ۱۸(۱۰):۸۴۷-۵۸.
- 54- Sadeghi H, Zarezade V, Sadeghi H, Toori MA, Barmak MJ, Azizi A, Ghavamizadeh M, Mostafazadeh M. Anti-inflammatory activity of *Stachys pilifera* Benth. Iranian Red Crescent Medical Journal. ۲۰۱۴ Sep; ۱۶(۹).
- 55- Kamali AM, Nikseresht M, Delaviz H, Barmak MJ, Servatkah M, Ardakani MT, Mahmoudi R. In vitro cytotoxic activity of *Matricaria chamomilla* root extract in Human breast cancer cell line MCF-۷. Life Sci. J. ۲۰۱۴; ۱۱:۴۰۳-۶.
- 56- Sadeghi H, Mostafazadeh M, Sadeghi H, Naderian M, Barmak MJ, Talebianpoor MS, Mehraban F. In vivo anti-inflammatory properties of aerial parts of *Nasturtium officinale*. Pharmaceutical Biology. ۲۰۱۴ Feb ۱; ۵۲(۲):۱۶۹-۷۶.

B: Publications in Persian

- 1-Arsalan Z, Asfaram A, Ghitasi I, Bizhani F, Negintaji K, Jafari Barmak M, Ghanbari A. Empowerment of balb/C mouse neuron and glial cells in steroidogenesis after activation of the SHH signaling pathway and Co-treatment with pregnenolone. Armaghane Danesh. ۲۰۲۲ Apr ۱۰; ۲۷(۳):۳۲۱-۳۵.
- 2-Azarmehr N, Bardestani F, Jafari M, Dousti Motlagh AM. Hepatoprotective and antioxidative effect of rosmarinic acid against bile duct ligated (bdl)-induced cholestatic in male rats. Armaghane danesh. ۲۰۱۹ Dec ۱۰; ۲۴(۶):۱۰۳۹-۵۳.
- 3-Hashemi SS, Saadat Jo Z, Mahmoudi R, Delaviz H, Berdania H, Salehpour Z, Jafari Barmak M, Ghanbari A. Evaluation of Fibroblast Cell Proliferation Assay on Polycaprolactone-Chitosan-Tannic Acid Scaffold. Armaghane Danesh. ۲۰۱۹ Nov ۱۰; ۲۴(۵):۷۷۹-۹۴.
- 4-Hashemi SS, Rajabi S, Mahmoudi R, Ghanbari A, Jafari Barmak M. The Investigation of Proliferation of Fibroblasts on Chitosan Scaffold in the Presence of Hyaluronic Acid. Armaghane danesh. ۲۰۱۸ Jun ۱۰; ۲۳(۲):۱۳۴-4۵.
- 5- Jafari Barmak M, Roozbehi A. Effect of hydro-alcoholic extract of *Carum copticum* on withdrawal syndrome in adult rats addicted to morphine. Armaghane Danesh. ۲۰۱۶ Feb ۱۰; ۲۰(۱۱):۹۹۶-۱۰۱۰.
- 6- Mahmoudi R, Enant E, Delaviz H, Rad P, Roozbehi A, Barmak MJ, Azizi A. The effects of l-arginine on the hippocampus of male rat fetuses under maternal stress. Basic and Clinical Neuroscience. ۲۰۱۶ Jan; ۷(۱):۵
- 7- Safari S, Jafaribarmak M, Nikseresht M, Torabi S, Mahmodi R. The Exposure Duration and Distance Effects of Microwave Radiation from Wireless Routers on Sperm Parameters of Wistar Rats. Armaghane Danesh. ۲۰۱۵ Dec ۱۰; ۲۰(۹):۸۲۵-۳۵.

- 8- Mousavi M M, Jafari Barmak M, Nikseresht M, Sadeghi H, Hedayatpour A, Abidi H, Mahmoudi R. The Protective effect of Ellagic acid on rats' ovarian fetus toxicity induced by cyclophosphamide. *Armaghane Danesh*. ۲۰۱۵ Oct ۱۰; ۲۰(۷): ۶۰۱-۱۰.
- 9- Enanat E, Delaviz H, Mahmoudi R, Roozbehi A, Jafari Barmak M, Servatkah M, Moreidikia F. Protective effects of arginine on fetal brain under maternal immobilization stress. *Armaghane Danesh*. ۲۰۱۵ Oct ۱۰; ۲۰(۷): ۶۲۳-۳۸.
- 10- Hoshmand Motlagh K, Jafari Barmak M, Dehghan Manshadi A, Vahdati A, Zargar HR, Mahmoudi R. Protective Effects of Lycopene and Ellagic Acid on Gonadal Tissue, Maternal Newborn Rats Induced by Cadmiumchloride. *Armaghane Danesh*. ۲۰۱۵ Aug ۱۰; ۲۰(۵): ۳۶۹-۸۰.
- 11- Servatkah M. The effect of pomegranate seed oil on the proliferation of human breast cancer cell lines MCF-7 and MDA-MB۴۶۸. *Armaghane Danesh*. ۲۰۱۵ Feb ۱۰; ۱۹(۱۱): ۹۳۰-۷
- 12- HATAMI JS, RAHMANI TA, Askarpour I, Mohammadi J, Jafari M, ALMASI TS, ROZBEHI A. Effects of hydro alcoholic extraction of Valeriana on astrocyte raphe Magnus in adult rats.
- 13- Momeni E, Aroi N, Aroi M, Jafari Barmak M, Mahmoudi R, Malekzadeh JM, Mohammadi J, Talebianpour MS, Mohammadi R, Mohammad Hosseini S. The effect of Hypericum perforatum extract and ۱٪ silver sulfadiazine on second degree burn wound healing in male rats. *Armaghane danesh*. ۲۰۱۴ Oct ۱۰; ۱۹(۷): ۶۲۵-۳۲.
- 14- Farhangdoost F, Jafari Barmak M, Hemayatkhah Jahromi V, Azizi A, Mahmoodi R, Keshavarzi E, Naraki M. Aloe Vera extract effect on Sperm quality and testicular tissue of rats induced by Cadmium chloride. *Armaghane Danesh*. ۲۰۱۴ Apr ۱۰; ۱۹(۱): ۴۷-۵۵.
- 15- Torabi S, Mahmoudi R, Rozbehi A, Jafari Barmak M, Rad P, Delaviz H. Growth Factor and Laminin Effect with Muscular Fiber Sheath on Repairing of the Sciatica Nerve. *Armaghane Danesh*. ۲۰۱۴ Jan ۱۰; ۱۸(۱۰): ۸۴۷-۵۸.
- 16- Nikseresht M, Rasti T, Jafari Barmak M, Ghasemi Hamidabadi H, Rezaei Z, Dehghani F, Mahmoudi R. In Vitro Maturation and Embryo Development to blastocyst Mouse Germinal Vesicle Oocytes after Vitrification. *Armaghane Danesh*. ۲۰۱۳ May ۱۰; ۱۸(۸): ۵۹۰-۶۰۲.
- 17- Nikrooze L, Jafari Barmak M, Naghmachi M, Dehghani N. Study of Jaft aqueous extract and silver sulfadiazine on burn healing in male rat. *Armaghane danesh*. ۲۰۱۳ May ۱۰; ۱۸(۲): ۱۰۷-۱۴.
- 18- Jafari Barmak M. Effect of Aloe Vera extract on testicular tissue of embryo of diabetic rats. *Armaghane Danesh*. 2012 Jun 10; 17(2): 149-55.
- 19- Sadeghi N, Mokhtari M, Ghnbari A, Sanaei Moghadam F, Jafari M, Sanaei Moghadam Z, Rozbehi A. The effect of hydrochloric extraction of valerian on number and size of raphe Magnus neurons in adult rats. *Armaghane Danesh*. ۲۰۱۰ Apr ۱۰; ۱۵(۱): ۵۶-۶۶.
- 20- Ghafari HR, Esfandiari E, Jafari Barmak M, Dashti GH, Shahraki A. Comparison of Survey Used of Polyester Resin and Glycerin Instead of Silicon in S۱۰ Technique of Plastination. *Armaghane Danesh*. ۲۰۰۷ Apr ۱۰; ۱۲(۱): ۶۱-۸.
- 21- Dashti GH, Esfandiari EB, Nematbagksh M, Sanei MH, Afsharipoor S, Farzan A, Jaafari Barmak M. The effect of frankincense extract on accumulation of fatty streaks in coronary arteries of high-cholesterol fed male rabbits. *Armaghane danesh*. ۲۰۰۴ Jan ۱۰; ۸(۴): ۹-۱۷.

Participate in workshops:

- 1- Workshop on Data Analysis Methods for Research Projects, Yasuj University of Medical Sciences, August ۲۰۰۶
- 2- Workshop on the use of SPSS (introductory and advanced) in medical science research, July ۲۰۰۶, Yasuj University of Medical Sciences
- 3- Internal and External Evaluation Workshop, September ۲۰۰۶, Yasuj University of Medical Sciences
- 4- Workshop on familiarization with digital library databases, August ۲۰۰۸, Yasuj University of Medical Sciences
- 5- Laboratory Animal Work Workshop, December ۲۰۰۸, Yasuj University of Medical Sciences
- 6- Sampling Method Workshop, July ۲۰۱۱, Yasuj University of Medical Sciences
- 7- Yasuj University of Medical Sciences Electronic Content Production Workshop
- 8- Workshop on New Educational Methods (Peer-assisted Learning) Yasuj University of Medical Sciences
- 9- Workshop on Ethics and Power in Organizations
- 10- Workshop on types of research misconduct and ways to prevent it
- 11- Workshop to get acquainted with the Hamava system
- 12- Islamic Civilization History Workshop ۱ and ۲
- 13- Teaching workshops on techniques for working with laboratory animals (faculty members, medical and graduate students)
- 14- Teaching Endnote workshops for medical students
- 15- Teaching a proposal writing workshop for medical students

• **Executive experiences:**

- 1- Member of the Cellular and Molecular Research Center, Yasuj University of Medical Sciences
- 2- Member of the Research Projects Budgeting Committee, Yasuj University of Medical Sciences

- 3- Head of the Yasuj Medical Student Research Committee
- 4- Member of the Allocation Committee of the Continuing Education Department of Yasuj University of Medical Sciences
- 5- Member of the Department of Modern Sciences of Yasuj University of Medical Sciences
- 6- Member of the Postgraduate Education Council of Yasuj University of Medical Sciences
- 7- Member of the Internal Evaluation Committee
- 8- Member of the Specialized Committee for Working with Laboratory Animals
- 9- Member of the Special Cases Commission Committee
- 10- Member of the Working Group of the University Grant Committee
- 11- Vice President for Research, Faculty of Medicine

•Instructor:

Anatomical Sciences Department Courses: Anatomy, Histology, Embryology

• Educational and research experiences:

- Supervisor and advisor of master's and medical students

• National top educational processes:

1- Obtaining the first academic rank in the process of facilitating learning with an integrated approach to anatomical science courses for medical and dental students in the 1st Shahid Motahari Educational Festival of Yasuj University of Medical Sciences

• Participation in scientific and international forums

• Research projects: (Yasuj master's thesis joint between the Yasuj Cellular and Molecular Center for Medical Sciences and the Burn and Repair Research Center of Shiraz University of Medical Sciences)

• Scientific and research skills and experiences:

1- Installing and setting up digital and computer software and hardware from the beginning to the implementation of the program along with training students (various Windows, Office (Word, Excel, PowerPoint, Access), stereology, statistics (SPSS and Graph pad), etc.

2- Tissue engineering, cell culture, biotechnology (nanoparticles and polymers), biology, embryology, anatomy and pathology

3- Microbiology, medicinal plants (extraction), immunology Fluorescent microscopy, electron microscopy, preparation and examination of various tissues of animal models