



Kermanshah University
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Professor of Histology & Embryology

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Education:

Fellowship (2003-2004) in Cell & Tissue Culture, Samuel Lunenfeld Research Institute, Mount Sinai Hospital, University of Toronto, Canada

Ph.D.: (1991-1995) in Anatomical Sciences (Histology & Embryology), Medical Faculty, Isfahan University of Medical Sciences, Isfahan, Iran

M.Sc.: (1989-1991) in Medical Histology, Medical Faculty, Isfahan University of Medical Sciences, Isfahan, Iran

B.Sc.: (1985-1989) in Biology, Sciences Faculty, Razi University, Kermanshah, Iran

Work Experience:

1995-present: Faculty member, Medical School, Kermanshah University of Medical Sciences (KUMS), Kermanshah, Iran.

2005-present: Head of Fertility & Infertility Research Center (FIRC), KUMS

2006-2017: Member of Evaluation & Examining Board, of Histology
Ministry of Health & Medical Education, Tehran, Iran

2018-present: Member of Evaluation & Examining Board, of Anatomical Sciences, Ministry of Health & Medical Education, West Universities of Iran

2021: Head of Tissue Engineering Dep, Medical school, KUMS

2006-2008: Research Director of Medical Faculty, KUMS

2001 -2003: Associate Dean for Basic Sciences, Medical faculty, KUMS

2003-2004 and 2018-present: Member of Promotion committee of Academic staff, KUMS

2003-2005: Member of Central committee of Research in Education, KUMS

2004: Establishment of specific Laboratory of Histology in KUMS

2005: Establishment of cell and Tissue culture Lab. in KUMS

1997: Educational course in ART technique, Isfahan Fertility & Infertility Center, Isfahan, Iran

1997: Establishment of M.Sc course of Histology in KUMS

Teaching Experience

1994-present; Kermanshah University of Medical Sciences:

Medical School:

Medical students: Embryology, general Histology, Cell biology & Trunk anatomy,

M.Sc. students of Histology: Histology, Embryology, Cell biology, Neuroanatomy, Trunk anatomy, Oral histology, Advanced Histology & Histological techniques

M.Sc. students of Biochemistry: Cell biology, Biochemistry of tissues

Ph.D. students of Anatomical Sciences: Advanced Histology, Advanced Embryology, Stem Cell biology, Oral histology, Microanatomy & Histological techniques, Tissue Engineering, Cell culture

Ph.D by Research students: Cell culture, ART Techniques, Article writing,

Dentistry Faculty:

Histology to Dentistry(M.D) and Nursing Dentistry students

Pharmacy Faculty:

Histology for Pharmacy students (Pharm. D),

Nursing & Midwifery faculty:

Midwifery (B.Sc.) students: Histology, Embryology & Biology

Nursing (B.Sc.) students: Anatomy

Laboratory Sciences students: Histology, Biology & Anatomy

Faculty of health: Biology and Anatomy to Health students

1990-1994: Isfahan University of Medical Sciences

Medical faculty:

Histology for Medical (MD), Histology, Anatomy & Physiology (M.Sc.) students

Advanced Histology& Histological technique for Histology & Anatomy (M.Sc.) students

Histology for Physiortrapy, and Laboratory Sciences

Dentistry Faculty:

Histology to Dentistry and Nursing Dentistry students

Nursing & Midwifery faculty:

Histology to Midwifery (B.Sc.) and General Anatomy to Nursing (B.Sc.) students

1990: Histology to Medical students, Azad University of Yazd.

1999-2002; Histology, Embryology & Neuroanatomy to Medical students, Ilam University of Medical Sciences

2001: Histology to Medical & Dentistry student, Ghazvin University of Medical Sciences

Honors:

1991: **First Rank** of M.Sc. degree in Histology. Isfahan University of Medical Sciences.

1995: **Distinguished graduate** of Ph.D. degree in Anatomical Sciences Isfahan University of Medical Sciences

2005: **Best clinical research paper** in Canadian Fertility & Andrology Society

2007: **Prize winner** in “second Yazed international student Awards in Reproductive Medicine”

2005: **Distinguished Researcher** of Kermanshah University of Medical Sciences.

2006: **Distinguished Teacher** in Kermanshah University of Medical Sciences

2007: **Distinguished Researcher** of Kermanshah University of Medical Sciences

2009: **Distinguished Researcher** of Kermanshah University of Medical Sciences.

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2015: **Distinguished Researcher** of Kermanshah University of Medical Sciences.

2016: **Distinguished Researcher** of Kermanshah University of Medical Sciences.

2018: **Distinguished Researcher** of Kermanshah University of Medical Sciences.

Articles:

English

1- **Khazaei M.** et al. The relation of personal and academic characteristic of medical student's cohort entered the medical faculty of Kermanshah University in 2000 and their performance in the 28th comprehensive exam of basic medical sciences, Journal of Medical Education, 2005

2- **Khazaei M.** & Salehi H. Protective effect of Falcaria vulgaris extract on Ethanol- induced gastric ulcers in rat. Iranian Journal of Pharmacology & Therapeutics, 2006 (**ISI**)

3- Gharravi A.M., Ghorbani R., **Khazaei M.**, et al. Altered pituitary hormone secretion in male rat exposed to Bisphenol A. Indian Journal of Occupational & Environmental Medicine, 2006

4- Gharravi A.M., Gholalipour J. Ghorbani R, **Khazaei M.** Natural day for staining Astrocytes and neurons. Journal of Neurological sciences (Turk), 2006

- 5- Gharravi A.M., Gholalipour J Ghorbani R., **Khazaei M.** Effect's modification of iron hematoxylin on neuron staining. Pakistan Journal of Biological Sciences, 2007 **(ISI)**
- 6- Montaseri A, Pourhaydar M, **Khazaei M.**, Ghorbani R, Anti-fertility effects of Physalis alkekengi alcoholic extract in female rat. Iran J of Reprod Medi, 2007 **(ISI)**
- 7- Esfandiari N., **Khazaei M.**, et al. Statin effect on an in vitro model of endometriosis. Fertility Sterility, 2007 **(ISI)**
- 8- Esfandiari N., **Khazaei M.** et al. Angiogenesis following three-dimensional culture of isolated human endometrial stromal cells. Int J Fert Sterl, 2008 **(ISI)**
- 9- **Khazaei M.** et al. Letrozole stimulates the growth of human endometrial culture in three-dimensional fibrin matrix. Fertility Sterility, 2009 **(ISI)**
- 10- Sadri S., Bahrami F., **Khazaei M.** et al. Cannabinoid receptor agonist WIN-55,212-2 protects differentiated PC12 cells from organophosphorous-induced apoptosis. Inter J Toxicol. 2010 **(ISI)**
- 11- Khazaei S, Shirani AM., **Khazaei M.**, et al. Incidence of cleft lip and palate in Iran: a Meta-Analysis. Saudi Medical Journal, 2011 **(ISI)**
- 12- Chehreie S, Sadri S, **Khazaei M.**, Ghanbari A. Prenatal water deprivation induces apoptosis in sexual dimorphic nucleus of male new born Sprague-dawley rats. Inter J Morpho 2011 **(ISI)**
- 13- Khazaei S, Kazemi Sh, **Khazaei M.** Is Adiponectin Related to Orofacial Clefts? IRCM. 2011 **(ISI)**
- 14- **Khazaei M.**, et al. Study of Foeniculum Vulgare Effect on Folliculogenesis in Female Mice. Int J Fert Stert, 2011 **(ISI)**
- 15- **Khazaei M.**, et al. Sildenafil effect on nitric oxide (NO) secretion by normal human endometrial epithelial cells in in-vitro culture. Int J Fert Sterl, 2011 **(ISI)**
- 16- Bayat PD, Ghanbari A, Babaei S, **Khazaei M.**, et al. Extremely Low electro-magnetic fields effect on spleen of newborn mice. Ind J Experi Bio. 2011**(ISI)**
- 17- Rashidi Z, Azadbakht M, **Khazaei M.** Hydrostatic pressure improves in vitro maturation of oocytes derived from vitrified-warmed mouse ovaries. Iran J Repro Med 2012 **(ISI)**
- 18- Bayat PD, Ghanbari A, **Khazaei M.**, et al. Age at menarche and related factors in urban girls of Markazi (Central) Province of Iran. Int J Morph 2012 **(ISI)**
- 19- Bayat PD, **Khazaei M.**, et al. Growth pattern in 7-12 years old Arak children (central Iran) in comparison with other ethnic subgroups of Iran. Ital J Anat and Embryo 2012 (pubmed)
- 20- **Khazaei M.** et al. Protective effects of subchronic caffeine administration on cisplatin induced urogenital toxicity in male mice, Ind J Ext Bio 2012 **(ISI)**
- 21- Khazaei S, **Khazaei M.**, et al. Resveratrol as supplemental treatment for periodontitis. Dent Res J 2012 (PubMed)
- 22- **Khazaei M.**, et al. The effect of student group work on the presentation process of general embryology course to medical student. Edu Res Med Sci, 2012

- 23- Fakheri T, Nankali A, **Khazaei M**, et al. Co-culture of mouse two-cell embryos on human endometrial stromal cells in proliferative and secretory phases. *Int J Morph* 2012 (**ISI**)
- 24- Lotfi N, Khazaei M, et al. The effect of Cannabis sativa hydroalcoholic extract on sperm parameters and testis histology in rats. *Int J Morph* 2013 (**ISI**)
- 25- Ghanbari M, Mortazavi SB, Khavanin A, **Khazaei M**. The effect of cell phone waves (900 MHZ – GSMBand) on sperm parameters and total antioxidant capacity in rats. *Int J Fert Serl* 2013 (**ISI**)
- 26- Ghanbari A, **Khazaei M**. et al. Sonic hedgehog inhibition induces mouse embryonic stem cells to differentiate toward definitive endoderm. *Ind J Experi Bio*. 2013 (**ISI**)
- 27- Ghanbari M, Mortazavi SB, Khavanin A, **Khazaei M**. Simultaneous effect of exposure to microwave on male rats sperm parameters and total antioxidant capacity. *Health Scope*. 2013
- 28- Rezavand N, **Khazaei M**, et al. Low Celecoxib Doses Stimulate Human Endometrial Growth in Three-Dimensional Culture Model. *Int J Fert Setrl* 2013 (**ISI**)
- 29- Bohlouli Oskoi S, **Khazaei M**, et al. Adiponectin effect on the viability of human endometrial stromal cells and expression of adiponectin receptors mRNA. *Int J Fert Serl* 2013 (**ISI**)
- 30- Mahdiuni, H, et al. **Khazaei M**. Nikbakht MR, Khodarahmi R. Appraisal of sildenafil binding on the structure and promiscuous esterase activity of native and histidine-modified forms of carbonic anhydrase II, *Biophysical Chemistryv* 2013 (**ISI**)
- 31- Tabatabaei FS, Ai J, Jafarzadeh TS, **Khazaei M**. et al. Effect of dentine matrix proteins on human endometrial adult stem-like cells: in vitro regeneration of odontoblast cells. *Oral Biology*, 2013 (**ISI**)
- 32- Hamzavi Y., Ashrafabadi F., Rezaei M., **Khazaei M**. Features of medical student's theses at Kermanshah University of Medical Sciences during a five-year period. *Edu Res Med Sci*, 2013
- 33- **Khazaei M**. A viewpoint on Iran's medical education. *Edu Res Med Sci*, 2013
- 34- Zarei F, Yousofvand N, **Khazaei M**, Ghanbari A. Effect of exogenous testosterone, Finasteride, and castration on serum level of Thyroxin. *Iran biomed J*, 2013 (**ISI**)
- 35- Salahshoor MR, Jalili C, Shebanizadeh A, **Khazaei M**, et al. The apoptotic effects of the P300 activator on breast cancer and lung fibroblast cell lines. *Middle East Journal of Cancer*, 2013
- 36- Salahshoor MR, Nikbakht Dastjerdi M, Shabanizadeh Darehdori A, **Khazaei M**. Combination of Salermide and CTB induce apoptosis in MCF-7 but not in MRC-5 cell lines. *Intern J of Prev Med*, 2013
- 37- A Ghanbari, S Kakebaraei, **Khazaei M**. A histological assessment of the cell death induced by haloperidol on prefrontal cortex. *Int J Morph* 2013 (**ISI**)
- 38- Farzaei MH, **Khazaei M**. et al. Protective effect of Tragopogon Graminifolius DC against ethanol induced gastric ulcer. *Iran Red Cresc Med J* 2013 (**ISI**)

- 39- **Khazaei M.** Shahid Motahari Educational Festival. *Edu Res Med Sci J* 2013 (ISC)
- 40- Sadri S, **Khazaei M.** et al. Neuronal differentiation of PC12 and embryonic stem cells in two- and three-dimensional in vitro culture. *Ind J Experi Bio* 2014 (ISI)
- 41- Khazaei S, Firouzei MS, Afghari, P, **Khazaei M.** Resveratrol may improve osseointegration of dental implants in type 2 diabetes mellitus patients, *J of Res in Med Sci*, 2014
- 42- **Khazaei M.** et al. Educational Status of Dental Basic Science Course and its Correlation with Students Educational Background in Kermanshah University of Medical Sciences. *Edu Res Med Sci*, 2014
- 43- Keshtmand Z., Oryan Sh., Ghanbari A., **Khazaei M.** Protective Effect of Tribulus terrestris Hydroalcoholic Extract against Cisplatin-Induced Cytotoxicity on Sperm Parameters in Male Mice. *Int J Morph* 2014 (ISI)
- 44- Rezakhani L., Rashidi Z., Mirzapur P., **Khazaei M.** Antiproliferatory effect of crab shell extract on breast cancer cell line(MCF7). *J Breast Cancer*, 2014 (ISI)
- 45- Mirzapur P., Rashidi Z., Rezakhani L., **Khazaei M.** In vitro inhibitory effect of crab shell extract on human umbilical vein endothelial cell. *In Vitro Cell & Dev Bio – Ani*, 2014 (ISI)
- 46- Hamzavi Y, Kazemi M, Hossinifar T, Hashemian AH, **Khazaei M.** Quality of Educational Services in the Library of Kermanshah School of Medicine Based on Library Standards (2011-2012). *Educ Res Med Scie* 2014
- 47- Lotfi N, **Khazaei M.** et al. Reproductive Parameters in Diabetic Male Rat after Exposure to Cannabis Sativa Hydroalcoholic Extract. *Journal of Reports in Pharmaceutical Sciences*. 2014
- 48- **Khazaei M.** Do sientometric evaluation need revision? *Edu Res Med Sci*. 2014
- 49- Solimani Zh, Ahmadi M, **Khazaei M.** Ansaryan A, Khamoushi M. Correlations of emotional intelligence with evolution score of the faculty members of Kermanshah University of Medical Sciences in 2014. *Edu Res Med Sci*. 2014
- 50- Ghanbari E., Nejati V., Najafi Gh., **Khazaei M.** Study of the effect of royal jelly on reproductive parameters in STZ -Induced diabetic rat. *Int J Fert Sterl* 2015 (ISI)
- 51- Keshtmand Z., Ghanbari A., **Khazaei M.** Rabzia A. Protective Effect of Tribulus terrestris Hydroalcoholic Extract against Cisplatin-Induced apoptosis on testis in Mice. *Int J Morph* 2015 (ISI)
- 52- Bohlouli Oskoi S, **Khazaei M.** et al. Adiponectin effect on nitric oxide secretion by normal and endometriotic human endometrial stromal cells: in vitro study. *Int J Morph* 2015 (ISI)
- 53- Jalili C, et al. **Khazaei M.** Morphometric and Hormonal Study of the Effect of Utrica diocia Extract on Mammary Glands in Rats. *Int J Morph* 2015 (ISI)
- 54- Moradi AH, et al. **Khazaei M.** Using PRP and human amniotic fluid combination for osteogenesis in rabbit socket preservation. *Dental Hypotheses* 2015

- 55- Bozorgi A, Khazaei MR, **Khazaei M**. New findings on breast cancer stem cell; a review. *Journal Breast Cancer* 2015 **(ISI)**
- 56- Bohlouli S, et al. **Khazaei M**. In vitro anti-proliferative effect of adiponectin on human endometriotic stromal cells through adipoR1 and adipoR2 gene receptor expression. *Iranian Biomedical Journal* 2016
- 57- Shikhbahi A., **Khazaei M**, et al. Protective effect of thimoquinon against MTX-induced germ cell apoptosits in male mice. *Int J Fert Sterl.* 2016 **(ISI)**
- 58- Yadeghari M., **Khazaei M**, et al. Prenatal caffeine expose impairs pregnancy in rats. *Int J Fert Sterl.* 2016 **(ISI)**
- 59-Salahshor MR., **Khazaei M**, et al. Crocin improves damage induced by nicotin on a number of reproductive paramerets in male mice. *Int J Fert Sterl.* 2016 **(ISI)**
- 60- Ghanbari E., **Khazaei M**, et al. Royal jelly Improves Serum Biochemical Alterations and Oxidative Stress of Liver and Pancreas in Streptozotocin-Induced Diabetic Rats. *Cell Journal*, 2016 **(ISI)**
- 61- Ganji S., **Khazaei M**. et al Thymoquinone could increase the efficacy of Tamoxifen induced apoptosits in human breast cancer cells: an in vitro study. *Cell Journal*, 2016 **(ISI)**
- 62- Ghanbari E., Nejati V., **Khazaei M**. Antioxidant and protective effects of Royal jelly on histopathological changes in testis of diabetic rats. *Int J Reprod BioMed* 2016.
- 63- Pazhouhi M., Sariri R., Rabzia A., **Khazaei M**. Thymoquinone synergistically potentiates temozolomide cytotoxicity by inhibition of autophagy in U87MG cell line. *J Basic Med Sci.* 2016 **(ISI)**
- 64- Pazhohi M., Sariri R. Khazaei MR, Moradi T., **Khazaei M**. Synergistic effect of Temozolomide and Thymoquinone on human glioblastem cell libne (U87MG) *J Can Res Tera* 2016 **(ISI)**.
- 65- Khazaei MR, Rashidi, Chobsaz F., **Khazaei M**. Apoptosis induction of human endometriotic epithelial and stromal cells by nospapine. *J Basic Med Sci.* 2016 **(ISI)**.
- 66- Roshankhah S, Ghorban R, **Khazaei M**. et al. Inernal evaluation of departement of anatomy and cell biology in Kermanshah University of Medical Sciences. *Edu Res Med Sci.* 2016
- 67- Tanahpour M., Vaisi-Raygani A., Bahremand F., **Khazaei M**. et al. Association between the cytotoxic T-lymphocte antigen-4 mutation and the susceptibilitybto systemic lupus erthematous. *Cellular & Molacular Bilyg*, 2016. **(ISI)**
- 68- Rezakhani L., Khazaei MR., Ghanbari A., **Khazaei M**. Crab shell extract induce prostate cancer cell line (LNCap) apoptosits and decrease nitric oxide secretion. *Yakhte*, 2017 **(ISI)**
- 69- **Khazaei M**. Pazhohi M., Temozolomide mediated appopetotic deth is improved by Thymoquinone in U87MG cell libne, *Can invest* 2017 **(ISI)**

- 70- Motiei M, Kashanian S, Lucia L A, **Khazaei M**. Intrinsic parameters for the synthesis and tuned properties of amphiphilic chitosan drug delivery nanocarriers. *Journal of Controlled Release*, 2017, (ISI)
- 71- **Khazaei M**, Pazhouhi M, Khazaei S. Evaluation of hydro-alcoholic extract of *Trifolium Pratens L.* for its anti-cancer potential on U87MG Cell line. *Cell J (Yakhteh)* 2018 (ISI)
72. Mirzapour P, Khazaei M R, Moradi M T, **Khazaei M**. Apoptosis induction in human breast cancer cell lines by synergic effect of raloxifene and resveratrol through increasing proapoptotic genes. *Life sciences*. 2018 (ISI)
- 73- Sajadimajd S, **Khazaei M**. Oxidative stress and cancer: the role of Nrf2 Current cancer drug targets. 2018 (ISI)
- 74- Mirzaei F, **Khazaei M**, Komaki A, Amiri I, Jalili C. Virgin coconut oil (VCO) by normalizing NLRP3 inflammasome showed potential neuroprotective effects in Amyloid- β induced toxicity and high-fat diet fed rat . *Food and Chemical Toxicology*. 2018 (ISI)
- 75- Derakhshandeh K, Khaleseh F, Azandaryani AH, Mansouri K, **Khazaei M**. Active targeting carrier for breast cancer treatment: Monoclonal antibody conjugated epirubicin loaded nanoparticle. *Journal of Drug Delivery Science and Technology* 2019 (ISI)
- 76-. Faramarzi A, Aghaz F, Golestan Jahromi M, Bakhtiari M, **Khazaei M**. Does supplementation of sperm freezing/thawing media with *Ceratonia siliqua* improve detrimental effect of cryopreservation on sperm parameters and chromatin quality in normozoospermic specimens? *Cell Tissue Bank*. 2019 (ISI)
- 77- Kohzadi M, Khazaei MR, Choobsaz F, **Khazaei M**. Relationship between Serum Levels of Anti-Mullerian Hormone, Adiponectin and Oxidative Stress Markers in Patients with Polycystic Ovary Syndrome. *Int J Fertil Steril* 2020 (ISI)
- 78- **Khazaei M**, Asgari R, Bakhtiari M. In vitro effects of clomiphene citrate on sperm parameters and fertilisation rate in male NMRI mice. *Andrologia*. 2020 (ISI)
- 79- Keshavarz G, Jalili C, Pazhouhi M, **Khazaei M**. Resveratrol Effect on Adipose-Derived Stem Cells Differentiation to Chondrocyte in Three-Dimensional Culture. *Advanced Pharmaceutical Bulletin*. 2020 (ISI)
- 80- Faramarzi A, Aghaz F, Bakhtiari M, Khazaei M. In vitro application of *Ceratonia siliqua* improved sperm parameters and chromatin quality after vitrification in normozoospermic aged men. *Middle East Fertility Society Journal*. 2020 (ISI)

- 81- Faramarzi A, Aghaz F, Bakhtiari M, **Khazaei M**. In vitro application of Ceratonia siliqua improved sperm parameters and chromatin quality after vitrification in normozoospermic aged men. Middle East Fertility Society Journal. 2020 (ISI)
- 82- Bozorgi A, Khazaei F, Bozorgi M, **Khazaei M**. In Vitro Stem Cell Isolation from Human Breast Cancer. Middle East Journal of Cancer. 2021 (ISI)
- 83-. Bozorgi A, Bozorgi, M., **Khazaei M**, & Soleimani, M. Decellularized Extracellular Matrices in Bone Tissue Engineering: From Cells to Tissues. Mini-Review. Cell and Tissue Biology, 2020:
- 84- Bozorgi, A., Khazaei, S., Khademi, A., **Khazaei M**. Natural and herbal compounds targeting breast cancer, a review based on cancer stem cells. Iranian Journal of Basic Medical Sciences, 2020
- 85- Khazaei, M.R., Rashidi, Z., Chobsaz, F., Niromand, E., **Khazaei, M**. Inhibitory effect of resveratrol on the growth and angiogenesis of human endometrial tissue in an In Vitro three-dimensional model of endometriosis. Reproductive Biology, 2020 (ISI)
- 86- Faramarzi A, Aghaz F, Bakhtiari M, Roshankhah S, Rashidi Z, **Khazaei M**. Ceratonia siliqua (Carob) extract improved in vitro development of vitrified- warmed mouse germinal vesicle oocytes: assessment of possible mechanism. Cell Tissue Bank. 2020 (ISI)
- 87- Aghaz F, Vaisi-Raygani A, **Khazaei M**, Arkan E. The Anti-oxidative Effects of Encapsulated Cysteamine During Mice In Vitro Matured Oocyte/Morula-Compact Stage Embryo Culture Model: a Comparison of High-Efficiency Nanocarriers for Hydrophilic Drug Delivery-a Pilot Study. Reprod Sci. 2020 (ISI)
- 89- Makhdoumi P, Karimi H, **Khazaei M**. Review on Metal-Based Nanoparticles: Role of Reactive Oxygen Species in Renal Toxicity. Chem Res Toxicol. 2020 (ISI)
- 90- Khazaei MR, Rashidi Z, Chobsaz F, Niromand E, **Khazaei M**. Inhibitory effect of resveratrol on the growth and angiogenesis of human endometrial tissue in an In Vitro three-dimensional model of endometriosis. Reprod Biol. 2020 (ISI)
- 91- Akbaribazm M, Khazaei MR, Khazaei F, **Khazaei M**. Doxorubicin and Trifolium Pratense L. (Red clover) extract synergistically inhibits brain and lung metastases in 4T1 tumor-bearing BALB/c mice. Food Sci Nutr. 2020 (ISI)
- 92- Khazaei S, Khademi A, Torabinejad M, Nasr Esfahani MH, **Khazaei M**, Razavi SM. Improving pulp revascularization outcomes with buccal fat autotransplantation. J Tissue Eng Regen Med. 2020 (ISI)
- 93- Bahrami G, Sajadimajd S, Mohammadi B, Hatami R, Miraghaee S, Keshavarzi S, **Khazaei M**, Madani SH. Anti-diabetic effect of a novel oligosaccharide isolated from Rosa canina via modulation of DNA methylation in Streptozotocin-diabetic rats. Daru. 2020 (ISI)

- 94- Bozorgi A, Khazaei S, Khademi A, **Khazaei M**. Natural and herbal compounds targeting breast cancer, a review based on cancer stem cells. *Iran J Basic Med Sci*. 2020
- 95- Akbaribazm M, Khazaei MR, **Khazaei M**. Trifolium pratense L. (red clover) extract and doxorubicin synergistically inhibits proliferation of 4T1 breast cancer in tumor-bearing BALB/c mice through modulation of apoptosis and increase antioxidant and anti-inflammatory related pathways. *Food Sci Nutr*. 2020 **(ISI)**
- 96- Javanmardi S, Safari I, Aghaz F, **Khazaei M**. Wound Healing Activities of Gundelia tournefortii L Extract and Milk-Cream Ointment on Second-Degree Burns of Rat Skin. *Int J Low Extrem Wounds*. 2020 **(ISI)**
- 97- Kohzadi M, Khazaei MR, Choobsaz F, **Khazaei M**. Relationship between serum levels of anti-mullerian hormone, adiponectin and oxidative stress markers in patients with polycystic ovary syndrome. *Int J Fertil Steril* 2020**(ISI)**
- 98- Ghanbari E, Khazaei M, Ghahremani-Nasab M, Mehdizadeh A, Yousefi M. Novel therapeutic approaches of tissue engineering in male infertility. *Cell Tissue Res*. 2020
- 99- Akbari Bazm M, Goodarzi N, Shahrokhi SR, **Khazaei M**. The effects of hydroalcoholic extract of Vaccinium arctostaphylos L. on sperm parameters, oxidative injury and apoptotic changes in oxymetholone-induced testicular toxicity in mouse. *Andrologia* 2020 **(ISI)**
- 100- Vaisi-Raygani A, **Khazaei M**, Bakhtiari M, Arkan E, Aghaz F. Anticancer effect of cisplatin-loaded poly (Butylcyanoacrylate) nanoparticles on A172 brain cancer cells line. *Asian Pac J Cancer Prev*. 2020 **(ISI)**
- 101- Khazaei MR, Rashidi Z, Chobsaz F, Niromand E, **Khazaei M**. Inhibitory effect of resveratrol on the growth and angiogenesis of human endometrial tissue in an in vitro three-dimensional model of endometriosis. *Reproductive Biology* 2020
- 102- Aghaz F, Vaisi-Raygani A, **Khazaei M**, Arkan E. Enhanced cryoprotective effect of melatonin and resveratrol by Ccoencapsulation: improved in vitro development of vitrified-warmed mouse germinal vesicle. *Biopreservation and Biobanking* 2020 **(ISI)**
- 103- Bahrami G, Sajadimajd S, Mohammadi B, Hatami R, Miraghaee S, **Khazaei M**. Anti-diabetic effect of a novel oligosaccharide isolated from Rosa canina via modulation of DNA methylation in Streptozotocin-diabetic rats. *DARU Journal of Pharmaceutical Sciences*. 2020 **(ISI)**
- 104- Zarrini AB, Bozorgi M, **Khazaei M**, Soleimani M. Decellularized extracellular matrices in bone tissue engineering: from cells to tissues. mini-review. *Cell and Tissue Biology* 2020 **(ISI)**
- 105- Niromand E, Salehi AR, **Khazaei M**, Khazaei MR. The influential factors in the academic achievement and failure of medical students in Iran: A review Study. *Educational Research in Medical Sciences* 2020 **(ISI)**

- 106- Khazaei F, Ghanbari E, Rezvani A, Ghanbari S, **Khazaei M**. Improvement of blood glucose, serum antioxidant status and liver enzyme changes by hydroalcoholic extract of Solanum melongena green cap in diabetic rats. Research Journal of Pharmacognosy 2020 (ISI)
- 107- Akbaribazm M, Goodarzi N, Rahimi M, Naseri L, Khazaei M. Anti-inflammatory, anti-oxidative and anti-apoptotic effects of Heracleum persicum L. extract on rats with gentamicin-induced nephrotoxicity Asian Pacific Journal of Tropical Biomedicine 2020 (ISI)
- 108- Aghaz F, Vaisi-Raygani A, **Khazaei M**, Arkan E, Sajadimajd S, Mozafari H, Co-encapsulation of tertinoin and resveratrol by solid lipid nanocarrier (SLN) improves mice in vitro matured oocyte/morula-compact stage embryo development. Theriogenology 2021 (ISI)
- 109- **Khazaei M**, Vaisi-Raygani A, Aghaz F. Meta-analysis of the addition of exogenous antioxidants to in vitro maturation medium: improved in vitro nuclear maturation of animal oocyte. Iranian Journal of Applied Animal Science . 2021 (ISI)
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