



۱- اطلاعات شخصی

نام و نام خانوادگی: حمید نظریان

شماره تماس: ۰۹۱۲۸۴۹۸۶۳۴

۲- سمت ها

دانشیار گروه بیولوژی و علوم تشریح، دانشکده پزشکی، دانشگاه علوم پزشکی شهید بهشتی

مسئول فنی آزمایشگاه جنین شناسی بخش ناباروری بیمارستان طالقانی

۳- تحصیلات

۱- کارشناسی زیست‌شناسی جانوری، دانشگاه شهید چمران اهواز، ۱۳۸۱

۲- کارشناسی ارشد بیولوژی تکوینی، دانشگاه شهید بهشتی، ۱۳۸۳

۳- دکتری بیولوژی تولید مثل، دانشگاه علوم پزشکی شهید بهشتی ۱۳۹۲

۴- زمینه تحقیقاتی

بیولوژی تولید مثل (جنین شناسی بالینی) - سلولهای بنیادی - مهندسی بافت

۵- تجارب عملی

۱- جنین شناس بالینی در بخش ناباروری و IVF بیمارستان طالقانی به مدت ۱۰ سال (ادامه دارد)

۲- راه اندازی بخش بیولوژی (آزمایشگاه های کشت سلول، بیولوژی مولکولی - پروتئومیکس و بافت شناسی)

پژوهشکده علوم دندانپزشکی دانشگاه علوم پزشکی شهید بهشتی

۳- راه اندازی بخش بیولوژی (آزمایشگاه های کشت سلول، بیولوژی مولکولی و بافت شناسی) پژوهشگاه مواد و

انرژی

- 1- P Raei, Z Shams Mofarahe, **H Nazarian**, MA Abdollahifar. Male obesity is associated with sperm telomere shortening and aberrant mRNA expression of autophagy-related genes. *Basic and Clinical Andrology* 33 (1), 13 (2023).
- 2- S Ziaepour, M Norouzian, HA Abbaszadeh, A Aliaghaei, **H Nazarian**. Photobiomodulation therapy reverses spermatogenesis arrest in hyperthermia-induced azoospermia mouse model. *Lasers in Medical Science* 38 (1), 114 (2023).
- 3- MK Godaneh, S Rahimi, M Abizadeh, S Motamedi, A Younesi, **H Nazarian**. Insulin ameliorates folliculogenesis in an experimental model of PCOS mice. *International Journal of Fertility & Sterility* 17 (1), 22 (2023).
- 4- F Safian, M Bayat, V Jajarmi, MA Abdollahifar, H Nazarian, ZS Mofarahe. Comparative Effect of Photobiomodulation on Human Semen Samples Pre-and Post-Cryopreservation. *Reproductive Sciences* 29 (5), 1463-1470 (2022).
- 5- H Nazarian, MG Novin, S Khaleghi, B Habibi. Small non-coding RNAs in embryonic pre-implantation. *Current Molecular Medicine* 22 (4), 287-299 (2022).
- 6- MG Novin, MS Alvani, MM Balani, A Aliaghaei, A Afshar, F Aghajanzpour, **H Nazarian**. Therapeutic effects of edaravone on azoospermia: free radical scavenging and autophagy modulation in testicular tissue of mice. *Journal of Reproduction & Infertility* 23 (2), 73 (2022).
- 7- B Habibi, MG Novin, S Salehpour, MG Novin, SM Yeganeh, **H Nazarian**. Expression analysis of genes and MicroRNAs involved in recurrent implantation failure: new noninvasive biomarkers of implantation. *Biomedical and Biotechnology Research Journal (BBRJ)* 6 (1), 145-155 (2022).
- 8- F Rezaei, M Bayat, **H Nazarian**, A Aliaghaei, HA Abbaszadeh. Photobiomodulation therapy improves spermatogenesis in busulfan-induced infertile mouse. *Reproductive Sciences*, 1-10 (2021).
- 9- S Khaleghi, R Fathi, F Eivazkhani, A Moini, MG Novin, B Ebrahimi, **H Nazarian**. Two-Decade Experience of Royan Institute in Obtaining Mature Oocyte from Cryopreserved Ovarian Tissue: In Vitro and In Vivo Approaches. *Reproductive Sciences*, 1-12 (2021).
- 10- M Kazemi, V Jajarmi, **H Nazarian**, M Ghaffari Novin, S Salehpour. Culture strategy as a modulator of target assessments: Functionality of suspension versus hanging

- drop-derived choriocarcinoma spheroids as in vitro model of embryo implantation. *Journal of Cellular Biochemistry* 122 (9), 1192-1206 (2021).
- 11- S Tavakolian, H Goudarzi, **H Nazarian**, P Raei, S Niakan, E Faghihloo. The evaluation of Human papilloma virus and human herpes viruses (EBV, CMV, VZV HSV-1 and HSV-2) in semen samples. *Andrologia* 53 (6) (2021).
- 12- S Paktinat, S Esfandyari, A Karamian, A Koochaki, A Asadirad, MG Novin, **H Nazarian**. Conditioned medium derived from seminal extracellular vesicles-exposed endometrial stromal cells induces inflammatory cytokine secretion by macrophages. *European Journal of Obstetrics & Gynecology and Reproductive Biology* 262 (2021).
- 13- A Partovi Belasjin, S Khalaji, **H Nazarian**, H Nojehdehyan. Construction and evaluation of a triple-layered composite PCL/HA membrane containing Dexamethasone loaded PLGA Microspheres for the regeneration of jaw bone in periodontal disease. *Research in Medicine* 45 (2), 32-37 (2021).
- 14- S Khaleghi, F Eivazkhani, A Moini, **H Nazarian**, R Fathi. Follicular reconstruction in artificial ovary made by human isolated ovarian cells from chemotherapy-induced POF patient seeded into human ovarian decellularized ECM. *International Journal of Reproductive BioMedicine* 19 (5), 93-93 (2021).
- 15- S Ziaei-pour, A Piryaei, A Aliaghaei, **H Nazarian**, P Naserzadeh. Chronic scrotal hyperthermia induces azoospermia and severe damage to testicular tissue in mice. *Acta Histochemica* 123 (4) (2021).
- 16- H Hosseini-rad, MG Novin, S Hosseini, **H Nazarian**, Z Safaei, T Hashemi. Evaluation of expression and phosphorylation of progesterone receptor in endometrial stromal cells of patients with recurrent implantation failure compared to healthy fertile women. *Reproductive Sciences* 28, 1457-1465 (2021).
- 17- E Fazeli, A Hosseini, MH Heidari, F Farifteh-Nobijari, M Salehi, **H Nazarian**. Meiosis Resumption of Immature Human Oocytes following Treatment with Calcium Ionophore In Vitro. *Cell Journal (Yakhteh)* 23 (1), 109 (2021).
- 18- Z Mehraban, M Gaffari Novin, MG Golmohammadi, **H Nazarian**. Effect of *Ceratonia siliqua* L. extract on DNA Fragmentation of Sperm in Adult Male Mice Treated with Cyclophosphamide. *Reproductive Sciences* 28, 974-981 (2021).
- 19- A Karamian, S Paktinat, S Esfandyari, **H Nazarian**, SA Ziai, AH Zarnani. Pyrvinium pamoate induces in-vitro suppression of IL-6 and IL-8 produced by human endometriotic stromal cells. *Human & experimental toxicology* 40 (4), 649-660 (2021).

- 20- F Safian, MG Novin, **H Nazarian**, ZS Mofarahe, MA Abdollahifar, V Jajarmi. Photobiomodulation preconditioned human semen protects sperm cells against detrimental effects of cryopreservation. *Cryobiology* 98, 239-244 (2021).
- 21- A Afshar, A Aliaghaei, **H Nazarian**, HA Abbaszadeh, P Naserzadeh. Curcumin-loaded iron particle improvement of spermatogenesis in azoospermic mouse induced by long-term scrotal hyperthermia. *Reproductive Sciences* 28, 371-380 (2021).
- 22- S Dadras, M Bayat, MG Novin, **H Nazarian**, A Raofi, S Abdi. Diabetes mellitus induced impairment of sperm parameters in mice: A stereological method. *European Journal of Anatomy* (2021).
- 23- A Rahi, M Kazemi, E Pishbin, S Karimi, **H Nazarian**. Cross flow coupled with inertial focusing for separation of human sperm cells from semen and simulated TESE samples. *Analyst* 146 (23), 7230-7239 (2021).
- 24- S Sadeghpour, M Ghasemnejad Berenji, **H Nazarian**, T Ghasemnejad. Effects of treatment with hydroxychloroquine on the modulation of Th17/Treg ratio and pregnancy outcomes in women with recurrent implantation failure: clinical trial. *Immunopharmacology and Immunotoxicology* 42 (6), 632-642 (2020).
- 25- M Vardiani, M Ghaffari Novin, M Koruji, **H Nazarian**, E Goossens. Gelatin Electrospun Mat as a Potential Co-culture System for In Vitro Production of Sperm Cells from Embryonic Stem Cells. *ACS Biomaterials Science & Engineering* 6 (10), 5823-5832 (2020).
- 26- M Abizadeh, MG Novin, F Amidi, SA Ziaei, MA Abdollahifar, **H Nazarian**. Potential of auraptene in improvement of oocyte maturation, fertilization rate, and inflammation in polycystic ovary syndrome mouse model. *Reproductive Sciences* 27, 1742-1751 (2020).
- 27- E Azizi, M Najj, **H Nazarian**, S Salehpour, M Karimi, N Borumandnia. Does timing in ICSI cycle affect oocyte quality and reproductive outcomes? A prospective study. *Archives of Gynecology and Obstetrics* 302, 505-513 (2020).
- 28- MH Shirzeyli, F Amidi, M Shamsara, **H Nazarian**, F Eini, FH Shirzeyli. Exposing mouse oocytes to MitoQ during in vitro maturation improves maturation and developmental competence. *Iranian Journal of Biotechnology* 18 (3) (2020).
- 29- A Karamian, **H Nazarian**, SA Ziai, AH Zarnani, S Salehpour, S Paktinat. Pyrvinium pamoate inhibits proliferation and invasion of human endometriotic stromal cells. *Human & experimental toxicology* 39 (5), 662-672 (2020).
- 30- M Kazemi, V Jajarmi, **H Nazarian**, MG Novin, S Salehpour, H Choobineh. Practical Approaches to Improve the Sensitivity of the Volume-Based Cellular Enumeration of the

- BeWo Cell Line-Derived Spheroids as an In Vitro Embryo Model: MTT Versus Neutral. Crescent Journal of Medical & Biological Sciences 7 (2) (2020).
- 31- SH Azami, **H Nazarian**, MA Abdollahifar, F Eini, MA Farsani, MG Novin. The antioxidant curcumin postpones ovarian aging in young and middle-aged mice. *Reproduction, Fertility and Development* 32 (3), 292-303 (2020).
- 32- H Hosseinirad, MG Novin, S Hosseini, **H Nazarian**, F Amidi, S Paktinat. Effect of 1, 25 (OH) 2-vitamin D3 on expression and phosphorylation of progesterone receptor in cultured endometrial stromal cells of patients with repeated implantation failure. *Acta Histochemica* 122 (2) (2020).
- 33- L Dehdehi, MG Novin, Y Sadeghi, MA Abdollahifar, SA Ziai, **H Nazarian**. Chronic stress diminishes the oocyte quality and in vitro embryonic development in maternally separated mice. *Int. J. Women's Health Reprod. Sci* 8, 29-36 (2020).
- 34- SH Azami, **H Nazarian**, MA Abdollahifar, M Allahbakhshian-Farsani. Curcumin delays oocyte apoptosis through overexpression of BCL-2 gene in young and middle-aged mouse models. *Int. J. Womens Health* 8, 53-60 (2020).
- 35- E Mohammadzadeh, T Mirzapour, MR Nowroozi, **H Nazarian**, A Piryaee. Differentiation of spermatogonial stem cells by soft agar three-dimensional culture system. *Artificial cells, nanomedicine, and biotechnology* 47 (1), 1772-1781 (2019).
- 36- B Javid, N Panahandeh, H Torabzadeh, **H Nazarian**, A Parhizkar. Bioactivity of endodontic biomaterials on dental pulp stem cells through dentin. *Restorative Dentistry & Endodontics* 45 (1) (2019).
- 37- Z Mehraban, M Ghaffari Novin, MG Golmohammadi, M Sagha, K Pouriran, **H Nazarian**. Protective effect of gallic acid on apoptosis of sperm and in vitro fertilization in adult male mice treated with cyclophosphamide. *Journal of cellular biochemistry* 120 (10), 17250-17257 (2019).
- 38- E Sajadi, S Dadras, M Bayat, S Abdi, **H Nazarian**, S Ziaeeipour, F Mazini. Impaired spermatogenesis associated with changes in spatial arrangement of sertoli and spermatogonial cells following induced diabetes. *Journal of cellular biochemistry* 120 (10), 17312-17325 (2019).
- 39- F Eini, A Bidadkosh, **H Nazarian**, A Piryaee, M Ghaffari Novin, K Joharchi. Thymoquinone reduces intracytoplasmic oxidative stress and improves epigenetic modification in polycystic ovary syndrome mice oocytes, during in-vitro maturation. *Molecular reproduction and development* 86 (8), 1053-1066 (2019).

- 40- M Vardiani, M Gholipourmalekabadi, M Ghaffari Novin, M Koruji, **H Nazarian**. Three-dimensional electrospun gelatin scaffold coseeded with embryonic stem cells and sertoli cells: A promising substrate for in vitro coculture system. *Journal of cellular biochemistry* 120 (8), 12508-12518 (2019).
- 41- H Heidari Khoei, S Fakhri, S Parvardeh, Z Shams Mofarahe, **H Nazarian**. Testicular toxicity and reproductive performance of streptozotocin-induced diabetic male rats: the ameliorating role of silymarin as an antioxidant. *Toxin reviews* 38 (3), 223-233 (2019).
- 42- M Tarokh, M Ghaffari Novin, T Poordast, Z Tavana, **H Nazarian**. Serum and peritoneal fluid cytokine profiles in infertile women with endometriosis. *Iranian Journal of Immunology* 16 (2), 151-162 (2019).
- 43- S Paktinat, SM Hashemi, MG Novin, S Mohammadi-Yeganeh, **H Nazarian**. Seminal exosomes induce interleukin-6 and interleukin-8 secretion by human endometrial stromal cells. *European Journal of Obstetrics & Gynecology and Reproductive Biology* 235, 71-76 (2019).
- 44- **H Nazarian**, N Azad, L Nazari, A Piryaeei, MH Heidari, R Masteri-Farahani. Effect of artificial oocyte activation on intra-cytoplasmic sperm injection outcomes in patients with lower percentage of sperm containing phospholipase C ζ : A randomized. *Journal of Reproduction & Infertility* 20 (1), 3 (2019).
- 45- H Jafarzadeh, **H Nazarian**, M Ghaffari Novin, Z Shams Mofarahe, F Eini. Improvement of oocyte in vitro maturation from mice with polycystic ovary syndrome by human mesenchymal stromal cell-conditioned media. *Journal of cellular biochemistry* 119 (12) (2018).
- 46- S Dadras, MA Abdollahifar, **H Nazarian**, SK Ghoreishi, S Fallahnezhad. Photobiomodulation improved stereological parameters and sperm analysis factors in streptozotocin-induced type 1 diabetes mellitus. *Journal of Photochemistry and Photobiology B: Biology* 186, 81-87 (2018).
- 47- N Azad, **H Nazarian**, L Nazari, MG Novin, A Piryaeei, MH Heidari. Evaluation of PAWP and PLC ζ Expression in infertile men with previous ICSI fertilization failure. *Urology Journal* 15 (3), 116 (2018).
- 48- N Azad, **H Nazarian**, MG Novin, RM Farahani, A Piryaeei, MH Heidari. Oligoasthenoteratozoospermic (OAT) men display altered phospholipase C ζ (PLC ζ) localization and a lower percentage of sperm cells expressing PLC ζ and post-acrosomal sheath. *Bosnian Journal of Basic Medical Sciences* 18 (2), 178 (2018).

- 49- SZ Banihosseini, MG Novin, **H Nazarian**, A Piryaeei, S Parvardeh, F Eini. Quercetin improves developmental competence of mouse oocytes by reducing oxidative stress during in vitro maturation. *Annals of Animal Science* 18 (1), 87-98 (2018).
- 50- N. Azad, **H. Nazarian**, M.G. Novin, R.M. Farahani, A. Piryaeei, M.H. Heidari. Phospholipase C zeta parameters in sperm from polymorphic teratozoospermic men. *Annals of Anatomy-Anatomischer Anzeiger* 215, 63-70 (2018).
- 51- SZ Banihosseini, MG Novin, **H Nazarian**, A Piryaeei, S Parvardeh, F Eini. Quercetin improves developmental competence of mice oocytes by reducing oxidative stress during in vitro maturation. *Annals of Animal Science* (2017).
- 52- N. Azad, **H. Nazarian**, M.G. Novin, R.M. Farahani, A. Piryaeei, M.H. Heidari. Oligoasthenoteratozoospermic (OAT) men display altered phospholipase C ζ (PLC ζ) localization and a lower percentage of sperm cells expressing PLC ζ and post-a..., *Bosnian journal of basic medical sciences* (2017).
- 53- M.N. Sistani, A. Maleki, M. Salimi, M.G. Novin, **H. Nazarian**. Exposure of neonatal mice to Sevoflurane may induce male germ cell apoptosis in testicular tissue after puberty. *International Journal of Reproductive BioMedicine* 15 (8), 471 (2017).
- 54- F Eini, MG Novin, K Joharchi, A Hosseini, **H Nazarian**, A Piryaeei. Intracytoplasmic oxidative stress reverses epigenetic modifications in polycystic ovary syndrome. *Reproduction, Fertility and Development* (2017).
- 55- T Sanchooli, M Norouzian, A Ardeshirylajimi, SK Ghoreishi, **H. Nazarian**. Adipose Derived Stem Cells Conditioned Media in Combination with Bioceramic-Collagen Scaffolds Improved Calvarial Bone Healing in Hypothyroid Rats. *Iranian Red Crescent Medical Journal* (2017).
- 56- S Fallahnezhad, A Piryaeei, F Tabeie, **H Nazarian**, H Darbandi, A Amini. Low-level laser therapy with helium–neon laser improved viability of osteoporotic bone marrow-derived mesenchymal stem cells from ovariectomy-induced osteoporosis. *Journal of biomedical optics* 21 (9) (2016).
- 57- MG Novin, R Mirfakhraie, **H Nazarian**. Aberrant Wnt/ β -Catenin Signaling Pathway in Testis of Azoospermic Men. *Advanced pharmaceutical bulletin* 5 (3), 373 (2015).
- 58- MB Eslaminejad, **H Nazarian**, M Shariati, S Vahabi, F Falahi. Isolation and in vitro characterization of mesenchymal stem cells derived from the pulp tissue of human third molar tooth. *Iranian Journal of Medical Sciences* 35 (3), 216-225 (2015).

- 59- **H Nazarian**, MG Novin, MR Jalili, R Mirfakhraie, MH Heidari, SJ Hosseini. Expression of Glycogen synthase kinase 3- β (GSK3- β) gene in azoospermic men. Iranian journal of reproductive medicine 12 (5), 313 (2014).
- 60- S Asgary, **H Nazarian**, A Khojasteh, N Shokouhinejad. Gene expression and cytokine release during odontogenic differentiation of human dental pulp stem cells induced by 2 endodontic biomaterials. Journal of endodontics 40 (3), 387-392 (2014).
- 61- N Daei-farshbaf, A Ardeshtirylajimi, E Seyedjafari, A Piryaee, FF Fathabady, **H. Nazarian**. Bioceramic-collagen scaffolds loaded with human adipose-tissue derived stem cells for bone tissue engineering. Molecular biology reports 41 (2), 741-749 (2014).
- 62- D Sadeghi, **H Nazarian**, H Nojehdehian. Adipose-derived stem cells combined with beta-tricalcium phosphate: A novel possible strategy for periodontal defects regeneration. Medical hypotheses 82 (1), 54-56 (2014).
- 63- S Hesaraki, **H Nazarian**, M Pourbaghi-Masouleh, S Borhan. Comparative study of mesenchymal stem cells osteogenic differentiation on low-temperature biomineralized nanocrystalline carbonated hydroxyapatite and sintered...Journal of Biomedical Materials Research Part B: Applied Biomaterials (2014).
- 64- MB Eslaminejad, S Bordbar, **H Nazarian**. Odontogenic differentiation of dental pulp-derived stem cells on tricalcium phosphate scaffolds. Journal of Dental Sciences 8 (3), 306-313 (2013).
- 65- Baghaban Eslaminejad M., Khorsand A., Arabsolghar M., Paknejad M., Ghaedi B., Rokn A. R., Moslemi N., **Nazarian H.**, Jahangir S. Autologous Dental Pulp Stem Cells in Regeneration of Defect Created in Canine Periodontal Tissue. The journal of oral implantology, 2013.
- 66- D Sadeghi, **H Nazarian**, N Marouf, F Karim Aghalu, H Nojehdehyan. Alkaline Phosphatase Activity Level of Osteoblast Cells on Three-Dimensional Chitosan-Gelatin/Hydroxyapatite Composite Scaffolds. Shahid Beheshti University Dental Journal 30 (4), 203-209 (2013).
- 67- A Khojasteh, MB Eslaminejad, **H Nazarian**, G Morad, SG Dashti, H Behnia. Vertical bone augmentation with simultaneous implant placement using particulate mineralized bone and mesenchymal stem cells: a preliminary study in rabbit. Journal of Oral Implantology 39 (1), 3-13 (2013).
- 68- BE Mohamadreza, A Khorsand, M Arabsolghar, M Paknejad, B Ghaedi, **H Nazarian**. Autologous Dental Pulp Stem Cells in Regeneration of Defect Created in Canine Periodontal Tissue. The Journal of oral implantology (2012).

- 69- A Farrokhi, M B Eslaminejad, **H Nazarian**, A. Moradmand, A. Samadian, A Akhlaghi. Appropriate reference gene selection for real-time PCR data normalization during rat mesenchymal stem cell differentiation. *Cellular and molecular biology* (2012).
- 70- N Maruf, AF KARIM, DE VAHID, **H NAZARIAN**, H NOJEDEHIYAN. Physicochemical evaluation of Chitosan-gelatin-Hydroxyapatite composite scaffold prepared by freeze drying. *JOURNAL OF DENTAL SCHOOL* 29, 390-398 (2012).
- 71- M Khorami, S Hesaraki, A Behnamghader, **H Nazarian**, S Shahrabi. In vitro bioactivity and biocompatibility of lithium substituted 45S5 bioglass. *Materials Science and Engineering: C* 31 (7), 1584-1592 (2011).
- 72- S Hesaraki, **H Nazarian**, M Alizadeh. Multi-phase biocomposite material in-situ fabricated by using hydroxyapatite and amorphous nanosilica. *International Journal of Materials Research* 102 (5), 494-503 (2011).
- 73- H Nojehdehian, F Moztaezadeh, H Baharvand, NZ Mehrjerdi, **H Nazarian**. Effect of poly-L-lysine coating on retinoic acid-loaded PLGA microspheres in the differentiation of carcinoma stem cells into neural cells. *The International journal of artificial organs* 33 (10), 721-730 (2010).
- 74- S Hesaraki, M Alizadeh, **H Nazarian**, D Sharifi. Physico-chemical and in vitro biological evaluation of strontium/calcium silicophosphate glass. *Journal of Materials Science: Materials in Medicine* 21 (2), 695-705 (2010).
- 75- MRB Eslaminejad, S Vahabi, M Shariati, **H Nazarian**. In vitro growth and characterization of stem cells from human dental pulp of deciduous versus permanent teeth. *Journal of Dentistry (Tehran, Iran)* 7 (4), 185 (2010).
- 76- S Hesaraki, R Nemati, **H Nazarian**. Physico-chemical and in vitro biological study of zinc-doped calcium sulfate bone substitute. *Journal of Biomedical Materials Research Part B: Applied Biomaterials* 91 (2009).
- 77- H Nojehdehian, F Moztaezadeh, H Baharvand, **H Nazarian**, M Tahriri. Preparation and surface characterization of poly-L-lysine-coated PLGA microsphere scaffolds containing retinoic acid for nerve tissue engineering: in vitro study. *Colloids and Surfaces B: Biointerfaces* 73 (1), 23-29 (2009).
- 78- S Hesaraki, A Zamanian, **H Nazarian**. Physical and physicochemical evaluation of calcium phosphate cement made using human derived blood plasma. *Advances in Applied Ceramics* 108 (4), 253-260 (2009).

- 79- M Baghaban Eslaminejad, **H Nazarian**, F Falahi, L Taghiyar. Ex vivo expansion and differentiation of mesenchymal stem cells from goat bone marrow. *Iranian Journal of Basic Medical Sciences* 12 (2), 70-79 (2009).
- 80- MRB Eslaminejad, **H Nazarian**, M Shariati, S Vahabi. Human dental pulp stem cells: the culture optimization for increased growth. *International Journal of Hematology-Oncology and Stem Cell Research* 3 (4), 5-13 (2009).
- 81- A Khojasteh, MB Eslaminejad, **H Nazarian**. Mesenchymal stem cells enhance bone regeneration in rat calvarial critical size defects more than platelete-rich plasma. *Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology* (2008).
- 82- MB Eslaminejad, **H Nazarian**, L Taghiyar. Mesenchymal stem cell isolation from the removed medium of rat's bone marrow primary culture and their differentiation into skeletal cell lineages. *Yakhteh Medical Journal* 10 (1), 65-72 (2008).
- 83- EMR BAGHBAN, **H NAZARIAN**, L TAGHIYAR. Mesenchymal stem cells with high growth rate in the supernatant medium from rat bone marrow primary culture. *JOURNAL OF BABOL UNIVERSITY OF MEDICAL SCIENCES (JBUMS)* 10 (243), 12-22 (2008).
- 84- EMR BAGHBAN, F Falahi, **H Nazarian**, L TAGHIYAR, MT Daneshzadeh. Differentiation potential and culture requirements of mesenchymal stem cells from ovine bone marrow for tissue regeneration applications. *IRANIAN JOURNAL OF VETERINARY SURGERY (IJVS)* 2 (5), 53-65 (2007)
- ۸۵- محمد رضا باغبان اسلامی نژاد و حمید نظریان. جداسازی، تکثیر و تمایز سلول‌های بنیادی مزانشیمی مغز استخوان خرگوش به سلول‌های رده استخوان، غضروف و چربی. فصلنامه پژوهشی فیض، ۱۳۸۶، شماره ۴، صفحات ۷-۱۳.
- ۸۶- محمد رضا باغبان اسلامی نژاد، حمید نظریان و لیلا تقی یار. سلول‌های بنیادی مزانشیمی با توان تکثیر بالا در محیط رویی کشت اولیه مغز استخوان موش صحرایی. مجله دانشگاه علوم پزشکی بابل، دوره دهم، شماره ۲، ۱۳۸۷، صفحات ۱۲-۲۲.