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Associate professor of Medical Genetics, Department of Medical Genetics,
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**PERSONAL INFORMATION**

Date of Birth: Aug 24 1969

Marital Status: Married

Languages: Persian, English

EDUCATIONAL QUALIFICATION

Degree: Ph.D. in Medical Genetics

Year: 2012

Institute: Department of Medical Genetics, Tehran University of Medical Sciences, Tehran, Iran.

Thesis title: Expression analysis of three cancer testis genes in breast cancer and determination of immune response against them in patients' serums.

Degree: Doctorate in Medical Laboratory technology

Year: 1995

Institute: Department of Lab Medicine, School of Paramedicine, Shiraz University of Medical Sciences, Shiraz, Iran.

Thesis title: Anti neutrophil cytoplasmic antibody in Ulcerative colitis and its relation to disease activity in patients.

RESEARCH INTEREST

During my postgraduate studies and later in department of medical genetics, I worked on cancer genetics and expression analysis of cancer testis genes in breast cancer, prostate cancer and thyroid cancer and also I am very interested in PGD (Pre implantation Genetic Diagnosis) in Chromosomal disorders and single gene disorders like thalassemia and hearing loss. As I am head of the Stem Cell Technology Research Center, I am experienced in isolation, characterization and differentiation of mesenchymal stem cells and their role in regenerative medicine. Recently I am working on gene editing by CRISPR Cas9 technology in DMD and cancers.

CURRENT STATUS

I am currently working as an Associate Professor of Medical Genetics in Department of Medical Genetics and stem cell technology research center. I am also director of molecular genetics and Cytogenetic lab in Medical Genetics Comprehensive Center in Shiraz. This center is the greatest genetic center in southern Iran and performs various types of genetic tests such as karyotype on peripheral blood, amniotic fluid and CVS, FISH test, QF PCR, PCR sequencing, NGS and NIPT data analysis and interpretation, PGD and maternal serum screening. This center has more than 4000 amniotic fluid samples each year.

At this center, I also do genetic counseling for infertility, recurrent pregnancy loss, prenatal disorders and hearing loss.

TECHNICAL EXPERTISE

Molecular

- PCR
- Real time PCR
- Gel electrophoresis
- Molecular cloning
- Electroporation
- Western blot
- Pronuclear microinjection

- Flowcytometry
- Gene editing by Crispr Cas9
- Viral vector production like lentivirus and AAV for gene transfer

Diagnostic Genetics

- Karyotyping and chromosome analysis (Blood, Amniotic fluid and CVS)
- QF-PCR
- Array CGH
- FISH (Metaphase, Interphase and blastomere for PGD)
- Single cell PCR for PGD

Cell culture

- Amniotic fluid and CVS
- Mesenchymal stem cell culture
- Wharton jelly stem cell culture
- Embryonic stem cell culture
- Embryonic fibroblast culture
- Fibroblast culture

Professional Experience:

2016 Gene editing by Crispr-cas9, Visiting scholar at the Cardiovascular research center, School of medicine, Yale University, CT, USA

2016 Next Generation Seq. School of medicine, Miami University, FL, USA

2014 Transgenic Mouse production by microinjection of embryonic stem cell in blastocyst, Royan institute, Tehran, Iran

2013 Professional training in Preimplantation Genetic Diagnosis(PGD), Reproductive Genetic Institute (RGI), Chicago, USA

2013 Karyotype of blood and amniotic fluid. Brigham and women hospital, Boston, USA,

2013 Training in IVF and Andrology Lab, University Hospital, Cleveland, USA

2012 Cytogenetics Training, Fetal surgery group, Valde Hebran Hospital, Barcelona, Spain

2012 Training in IVF Lab, blastomere biopsy and fixation, IVI, Barcelona, Spain

2011 Diagnostic Molecular and Cytogenetic Training, Department of Medical Genetics, Kayseri, Turkey

Achievements

1-Distinguished young scientific award in Stem Cell Research- First international congress in stem cell, Kayseri, Turkey

2-Introducing a new syndrome with severe skeletal dysplasia and short stature and identifying the causative gene (Biallelic TMEM251 variants in patients with severe skeletal dysplasia and extreme short stature. Human mutation Volume 42 Issue1Pages89-101) – (Co first Author)

<https://www.omim.org/entry/619345?search=tmem251&highlight=tmem251>

CERTIFICATES

1-Sabbatical (3 months) on Cardiovascular Genetics, Yale University, USA, 2016

2-Next Generation Sequencing, Miami university, USA, 2016

3-PGD for chromosomal diseases. RGI, Chicago, USA, 2013

4-PGD for Single gene disorders. RGI, Chicago, USA, 2013

5-PGD by array CGH. RGI, Chicago, USA, 2013

6-Karyotype of blood and amniotic fluid. Brigham and women hospital, Boston, USA, 2013

7- Intracytoplasmic sperm injection, embryo evaluation, cryopreservation, embryo transfer. Ahuja Medical Center, Cleveland, Ohio, USA, 2013.

8-Blastomer biopsy and fixation. IVI, Barcelona, Spain, 2012.

11-1st Stem cell summer school "Bone marrow stem cells from bench to bed". Ergiyes University, Kayseri, Turkey, September 30-October 6, 2011.

OCCUPATIONS

1- Faculty member, Kazeroon Azad University 1996-2000

2- Technical manager of a private clinical lab in Behbahan, 2000-2005

3- Technical manager of a private clinical lab in Firoozabad, 2005-2009

4- Founder of a private clinical lab in Firoozabad, 2005 until now

5- PhD student, 2009-2012

6- Faculty member, School of Medicine, Shiraz university of Medical Sciences,2012 until now

7- Head of Stem Cell Technology Research Center, 2012 until now

8- Director of Cytogenetic Lab, Medical Genetics comprehensive center, Shiraz University of Medical Sciences, 2012 until now

9- Director of molecular genetic Lab, Medical Genetics comprehensive center, Shiraz University of Medical Sciences, 2019 until now

LIST OF PUBLICATIONS

Research Gate, Google scholar, Scopus

<https://scholar.google.com/citations?user=DLuCUgUAAAAJ&hl=en&cstart=20&pagesize=20>

<https://www.scopus.com/authid/detail.uri?authorId=55504808900>

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2. Mahintaj Dara, Vahid Razban, Mohsen Mazloomrezaei, Maryam Ranjbar, Marjan Nourigorji, **Mehdi Dianatpour**^{*} (2021). Dystrophin gene editing by CRISPR/Cas9 system in human skeletal muscle cell line (HskMC). Iranian Journal of Basic Medical Sciences Volume 24 Issue 8 Pages1153-1158
3. Hossein Jafari Khamirani, Sina Zoghi, Fatemeh Faghihi, Seyed Alireza Dastgheib, Hamidreza Hassanipour, Seyed Mohammad Bagher Tabei, Sanaz Mohammadi, Marjan Masoudi, Shiva Poorang, Elham Ehsani, **Mehdi Dianatpour**^{*}(2021). Phenotype of ST3GAL3 Deficient Patients: a Case and Review of the Literature. European Journal of Medical Genetics Volume 64, Issue 8
4. Sareh Pandamooz, Benjamin Jurek, Mohammad Saied Salehi, Mandana Mostaghel, Jaleel A Miyan, **Mehdi Dianatpour**, Afshin Borhani-Haghighi(2021). The Implementation of Preconditioned Epidermal Neural Crest Stem Cells to Combat Ischemic Stroke. Comment on Othman, FA; Tan, SC Preconditioning Strategies to Enhance Neural ... Brain Sciences Volume11Issue5Pages653
5. **Mehdi Dianatpour**, Emily Smith, Seyed Basir Hashemi, Mohammad A Farazifard, Navid Nezafat, Vahid Razban, Arya Mani (2021). Identification of homozygous mutations for hearing loss. Gene Volume778Pages145464

6. Mahintaj Dara, Vahid Razban, Mahdieh Talebzadeh, Sepideh Moradi, **Mehdi Dianatpour**^{*} (2021). Avicenna Journal of Medical Biotechnology Volume13Issue2Pages54
7. Sina Zoghi, Hossein Jafari Khamirani, Seyed Alireza Dastgheib, **Mehdi Dianatpour**, Alireza Ghaffarieh (2021). An analysis of inhibition of the severe acute respiratory syndrome coronavirus 2 RNA-dependent RNA polymerase by zinc ion: an in silico approach. Future Virology Vol. 16, No. 5 <https://doi.org/10.2217/fvl-2020-0369>
8. Sareh Pandamooz, Benjamin Jurek, Carl-Philipp Meinung, Zahra Baharvand, Alireza Sahebi Shahem-Abadi, Silke Haerteis, Jaleel A Miyan, James Downing, **Mehdi Dianatpour**, Afshin Borhani-Haghighi, Mohammad Saied Salehi(2021). Experimental models of SARS-CoV-2 infection: possible platforms to study COVID-19 pathogenesis and potential treatments. Annual Review of Pharmacology and Toxicology Volume62
9. Z Khodabandeh, I Jamhiri, N Dehghani, H Daneshpazhouh, B Namavar Jahromi, **Mehdi Dianatpour**, S Alae(2021). The effect of docetaxel on survival, fertilization rate and apoptosis-related genes mRNA expression in mouse metaphase II oocytes following vitrification.. Iranian Journal of Veterinary Research Volume22Issue1, No. 1, Ser. No. 74, Pages 40-47
10. SeyedAli Alambeladi, SeyedEbrahim Hosseiny, Mojtaba Jafarinia, **Mehdi Dianatpour**^{*} (2021). Use of dual-transfection for programmed cell death protein 1 disruption mediated by CRISPR-Cas9 in human peripheral blood mononuclear cells. Iranian Journal of Basic Medical Sciences Volume24Issue1, p44-50
11. Noor al Ain^{*}, Niaz Muhammad^{*}, **Mehdi Dianatpour**^{*}, Marta Baroncelli, Muddassar Iqbal, Mohammad A.Farazfard, Ihtisham Bukhari, Sufian Ahmed, Massoumeh Hajipour, Zahra Tabatabaie, Hamidreza Foroutan, Ola Nilsson, Mohammad A Faghihi, Outi Makitie^{*}, Sadaf Naz^{*}(2021). Biallelic TMEM251 variants in patients with severe skeletal dysplasia and extreme short stature. Human mutation Volume42Issue1Pages89-101
12. Farzaneh Foroughinia, Pooyan Dehghani, **Mehdi Dianatpour**, Arghavan Amiri, Iman Jamhiri, Parisa Ghasemiyeh(2020). Genetic association between two Estrogen Receptor 2 (ER2) Gene Polymorphism (rs4986938 and rs1256049) and SYNTAX Score in Patients

with Coronary Artery Disease: A Report from ... researchsquare Pages1-12

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13. Sanaz Bazoobandi, Nader Tanideh, Farhad Rahmanifar, Shahrokh Zare, Omid Koohi-Hosseiniabadi, Iman Razeghian-Jahromi, **Mehdi Dianatpour**, Masoumeh Ahmadi, Arezoo Khoradmehr, Iraj Nabipour, Zahra Khodabandeh, Amin Tamadon(2020). Stem cells internationalVolume2020 .<https://doi.org/10.1155/2020/8849537>
14. Naeimeh Dehghani, **Mehdi Dianatpour**, Seyed Ebrahim Hosseini, Zahra Khodabandeh, Hamed Daneshpazhouh(2020). Evaluation of the effect of docetaxel on cryotop-vitrification of mouse oocytes. Experimental animal BiologyVolume9Issue2Pages73-81
15. Maryam Kasraeian, Elahe Ghasemi, **Mehdi Dianatpour**, Nader Tanideh, Iman Jahromi Razeghian, Zahra Khodabandeh, Mohammad Reza Dorvash, Shahrokh Zare, Omid Koohi Hosseinabadi, Amin Tamadon(2020). In utero xenotransplantation of mice bone marrow-derived stromal/stem cells into fetal rat liver: An experimental study. International Journal of Reproductive BioMedicineVolume18Issue9Pages701
16. Mohammad Saied Salehi, Sareh Pandamooz, Anahid Safari, Benjamin Jurek, Amin Tamadon, Mohammad Reza Namavar, **Mehdi Dianatpour**, Leila Dargahi, Negar Azarpira, Sadegh Fattahi, Seyed Mostafa Shid Moosavi, Somaye Keshavarz, Zahra Khodabandeh, Shahrokh Zare, Somayeh Nazari, Mojdeh Heidari, Sadegh Izadi, Maryam Poursadeghfard, Afshin Borhani - Haghighi(2020). Epidermal neural crest stem cell transplantation as a promising therapeutic strategy for ischemic stroke. CNS neuroscience & therapeuticsVolume26Issue7Pages670-681
17. Parisa Sharifi Ardani, Farzaneh Foroughinia, **Mehdi Dianatpour**, Iman Jamhiri (2020). Genotype and allele frequencies of two Vitamin-D receptor gene polymorphisms (ApaI and BsmI) in patients undergoing elective percutaneous coronary intervention in Iranian Trends in Pharmaceutical Sciences.Issue2Pages105-112
18. Homeira Vafaei, Ghazal Kavari, Hamid Reza Izadi, Zahra Zare Dorahi, **Mehdi Dianatpour**, Afrooz Daneshparvar, Iman Jamhiri(2020). Wi-Fi (2.4 GHz) affects anti-oxidant capacity, DNA repair genes expression and apoptosis in pregnant mouse placenta. Iranian Journal of Basic Medical Sciences. Volume23 Issue6 Pages833-840
19. A Tamadon, S Bazoobandi, N Tanideh, F Rahmanifar, S Zare, O Koohi-Hosseiniabadi, IR Jahromi, M **Dianatpour**, Z Khodabandeh, M Ahmadi, A Khoradmehr, I Nabipour(2020).

Preventive effects of intrauterine injection of bone marrow-derived mesenchymal stem cell-conditioned media on uterine fibrosis immediately after endometrial curettage in rabbit.

20. Mohammad Saied Salehi, Sareh Pandamooz, Anahid Safari, Benjamin Jurek, Amin Tamadon, Mohammad Reza Namavar, Mehdi **Dianatpour**, Leila Dargahi, Negar Azarpira, Sadegh Fattahi, Seyed Mostafa Shid Moosavi, Somaye Keshavarz, Zahra Khodabandeh, Shahrokh Zare, Somayeh Nazari, Mojdeh Heidari, Sadegh Izadi, Maryam Poursadeghfard, Afshin Borhani - Haghighi(2020). Epidermal neural crest stem cell transplantation as a promising therapeutic strategy for ischemic stroke. CNS Neuroscience & Therapeutics.
21. Sareh Pandamooz, Arman Jafari, Mohammad S Salehi, Benjamin Jurek, Abolhassan Ahmadiani, Anahid Safari, Shadi Hassanajili, Afshin Borhani - Haghighi, Mehdi **Dianatpour**, Hassan Niknejad, Negar Azarpira, Leila Dargahi(2020). Substrate stiffness affects the morphology and gene expression of epidermal neural crest stem cells in a short term culture. Biotechnology and Bioengineering. Volume117 Issue2 Pages305-317
22. Mohammad Pirouzfard, Farshid Amiri, **Mehdi Dianatpour***, Mohammad Ali Takhshid* (2020). CRISPR/Cas9-mediated knockout of MLL5 enhances apoptotic effect of cisplatin in HeLa cells in vitro. EXCLI journal. Volume19 Pages170
23. Zahra Tabatabaei, Mohammad Ali FaraziFard, Seyed Basir Hashemi, **Mehdi Dianatpour*** (2020). Identification of novel microsatellite markers flanking GJB2 gene in order to use in preimplantation genetic diagnosis of hearing loss: A comparison of whole-genome amplification and semi-nested PCR. European journal of medical genetics. Volume 63, Issue 4 Pages103796
24. Anahid Safari, Afshin Borhani-Haghighi, **Mehdi Dianatpour**, Seyed Taghi Heydari, Farzaneh Foroughinia, Gholamhossein Ranjbar Omrani(2019). Circulating Serum Amyloid A, hs-CRP and Vitamin D Levels in Postmenopausal Osteoporosis. Galen Medical Journal. Volume8 Pages1548
25. Naeimeh Deghani, **Mehdi Dianatpour**, Seyed Ebrahim Hosseini, Zahra Khodabandeh, Hamed Daneshpazhouh(2019). Overexpression of Mitochondrial Genes (Mitochondrial Transcription Factor A and Cytochrome c Oxidase Subunit 1) in Mouse Metaphase II

Oocytes following Vitrification via Cryotop. Iranian Journal of Medical Sciences. Volume44 Issue5 Pages406

26. Mahintaj Dara, **Mehdi Dianatpour**, Vahid Razban(2019). Synthesis a New Viral Base Vector Carrying Single Guide RNA (sgRNA) and Green Florescent Protein (GFP). Journal of Sciences, Islamic Republic of Iran. Volume30 Issue3 Pages205-209
27. Mohammad Saied Salehi, Afshin Borhani-Haghighi, Sareh Pandamooz, Anahid Safari, Leila Dargahi, **Mehdi Dianatpour**, Nader Tanideh(2019). Dimethyl fumarate up-regulates expression of major neurotrophic factors in the epidermal neural crest stem cells. Tissue and Cell. Volume56 Pages114-120
28. Farzaneh Bozorg-Ghalati, Mehdi Hedayati, **Mehdi Dianatpour**, Nariman Mosaffa, Fereidoun Azizi(2019). Targeting the BRAF Signaling Pathway in CD133pos Cancer Stem Cells of Anaplastic Thyroid Carcinoma. Asian Pacific journal of cancer prevention: APJCP. Volume20 Issue5 Pages1353
29. Jamileh Saberzadeh, Mohammad Reza Miri, **Mehdi Dianatpour**, Abbas Behzad Behbahani, Mohammad Bagher Tabei, Mohsen Alipour, Mohammad Ali Faghihi, Majid Fardaei(2019). The First Case of a Small Supernumerary Marker Chromosome 18 in a Klinefelter Fetus: A Case Report. Iranian journal of medical sciences Volume44 Issue1 Pages65
30. Farzad Mohammad Rezazadeh, Saman Saedi, Farhad Rahmanifar, Mohammad Reza Namavar, **Mehdi Dianatpour**, Nader Tanideh, Amir Akhlaghi, Ali Niazi, Ali Arabi Monfared, Kazuyoshi Tsutsui, Mohammad Reza Jafarzadeh Shirazi, Amin Tamadon(2018). Fast free of acrylamide clearing tissue (FACT) for clearing, immunolabelling and three - dimensional imaging of partridge tissues. Microscopy research and technique. Volume81 Issue12 Pages1374-1382
31. Zeinab Jamali, **Mehdi Dianatpour**, Mohammad Miryounesi, Mohammad Hossein Modarressi(2018). A study of CAG repeat instability of HTT gene following spermatogenesis, by single sperm analysis. Gene Reports. Volume12 Pages294-298
32. Mehrdokht Hajihoseini, Davood Mehrabani, Akbar Vahdati, Seyed Ebrahim Hosseini, Amin Tamadon, **Mehdi Dianatpour**, Farhad Rahamanifar(2018). Spermatogenesis after Transplantation of Adipose Tissue-Derived Stem Cells in Azoospermic Guinea Pigs: A Histological and Histomorphometric Study. Galen Medical Journal. Volume7 Pages1000

33. Negar Karimaghai, Amin Tamadon, Farhad Rahmanifar, Davood Mehrabani, Alireza Raayat Jahromi, Shahrokh Zare, Zahra Khodabandeh, Iman Razeghian Jahromi, Omid Koohi-Hoseinabadi, **Mehdi Dianatpour**(2018). Spermatogenesis after transplantation of adipose tissue-derived mesenchymal stem cells in busulfan-induced azoospermic hamster. Iranian journal of basic medical sciences. Volume21 Issue7 Pages660
34. Mohammad Miryounesi, Seyed Mohammad Bagher Tabei, Mehdi **Dianatpour**, Majid Fardaei, Soudeh Ghafouri-Fard(2018). Report of three cases with hereditary spastic paraplegia and investigation of the mutations. Meta Gene. Volume16 Pages105-107
35. Iman Jamhiri, Saber Zahri, Davood Mehrabani, Zahra Khodabandeh, Mehdi **Dianatpour**, Ramin Yaghobi, Seyed Younes Hosseini(2018). Enhancing the apoptotic effect of IL-24/mda-7 on the human hepatic stellate cell through RGD peptide modification. Immunological investigations. Volume47 Issue4 Pages335-350
36. Leila Rezaeian, Seyed Ebrahim Hosseini, Mehdi **Dianatpour**, Mohammad Amin, Nader Tanideh Edalatmanesh, Zahra Khodabandeh, Mohamad Saeed Ahrari-Khafi, Amin Tamadon(2018). Production of Human Liver by Intrauterine Xenotransplantation of Human Wharton's Jelly-Derived Mesenchymal Stem Cells to Animal Fetus: A Review. Journal of Research in Medical and Dental Science. Volume6 Issue2 Pages134
37. Farnaz Ghobadi, Farhad Rahmanifar, Davood Mehrabani, Amin Tamadon, Mehdi **Dianatpour**, Shahrokh Zare, Iman Razeghian Jahromi(2018). Endometrial mesenchymal stem stromal cells in mature and immature sheep: An in vitro study. International Journal of Reproductive BioMedicine. Volume16 Issue2 Pages83
38. Seyed Mohammad Salar Zaheryani, Mohammad Essmail Ebrahimi, Abdollah Kasaei, Amir Roointan, Mahmood Nejabat, Mehdi **Dianatpour**, Meisam Meisam, Mohammad Reza Talebnejad, Fakhraddin Naghibalhossaini(2018). Expression of Inflammatory-Related NFκB Genes in Iranian Patients with Pterygium: A Case-Control Study. International Journal of Molecular and Cellular Medicine. Volume7 Issue3 Pages169
39. Zeinab Ravesh, Mahdi **Dianatpour**, Majid Fardaei, Maryam Taghdiri, Feyzollah Hashemi-Gorji, Vahid Reza Yassaee, Mohammad Miryounesi(2018). Advanced molecular approaches pave the road to a clear-cut diagnosis of hereditary retinal dystrophies. Molecular vision. Volume24 Pages679

40. Farzaneh Bozorg-Ghalati, Mehdi Hedayati, Mehdi **Dianatpour**, Iraj Mohammadpour(2018). Overcoming the lack of expression of the sodium-iodide symporter protein in anaplastic thyroid cancer stem cells by targeting the phosphatidylinositol 3-kinase signaling pathway. *International Journal of Development research*. Volume8 Issue06
41. Leila Rezaeian, Seyed Ebrahim Hosseini, Mehdi **Dianatpour**, Mohammad Amin Edalatmanesh, Nader Tanideh, Asghar Moghiseh, Amin Tamadon(2018). Intrauterine xenotransplantation of human Wharton jelly-derived mesenchymal stem cells into the liver of rabbit fetuses: A preliminary study for in vivo expression of the human liver genes. *Iranian journal of basic medical sciences*. Volume21 Issue1 Pages89-96
42. Soudeh Ghafouri-Fard, Majid Fardaei, Seyed Mohammad Bagher Tabei, Mehdi **Dianatpour**, Mohammad Miryounesi(2018). A CDH3 mutation is segregated in an Iranian family with congenital hypotrichosis and juvenile macular dystrophy. *International Journal of Pediatrics*. Volume6 Issue1 Pages6999-7002
43. Farzaneh Bozorg-Ghalati, Mehdi Hedayati, Mehdi **Dianatpour**(2017). Are surface markers of cancer stem cells reliable factors for cancer treatment follow-up? *Comparative Clinical Pathology*. Volume26 Issue4 Pages981-983
44. Iman Razeghian Jahromi, Davood Mehrabani, Ali Mohammadi, Mohammad Mahdi Ghahramani Seno, Mehdi **Dianatpour**, Shahrokh Zare, Amin Tamadon(2017). Emergence of signs of neural cells after exposure of bone marrow-derived mesenchymal stem cells to fetal brain extract. *Iranian journal of basic medical sciences*. Volume20 Issue3 Pages301
45. Soudeh Ghafouri-Fard, Mehdi **Dianatpour**, Seyed Mohammad Bagher Tabei, Mohammad Miryounesi(2017). Mental retardation due to chromosomal translocation in an Iranian consanguineous family: report of three cases. *Tehran University Medical Journal TUMS Publications*. Volume74 Issue11 Pages817-822
46. Davood Mehrabani, Parisa Mahdiyar, Kianoosh Torabi, Reza Robati, Shahrokh Zare, Mehdi **Dianatpour**, Amin Tamadon(2017). Growth kinetics and characterization of human dental pulp stem cells: Comparison between third molar and first premolar teeth. *Journal of clinical and experimental dentistry*. Volume9 Issue2 Pages172

47. F Bozorg-Ghalati, M Hedayati, M **Dianatpour**(2017). CD133 as a biomarker of thyroid cancer stem cells Int J Curr Res Volume9 Issue5 Pages51284-51291.
48. Farzaneh Bozorg-Ghalati, Mehdi Hedayati, **Mehdi Dianatpour***, Fereidoun Azizi, Nariman Mosaffa, Davood Mehrabani* (2017). Effects of a phosphoinositide-3-kinase inhibitor on anaplastic thyroid cancer stem cells. Asian Pacific journal of cancer prevention: APJCP. Volume18 Issue8 Pages2287
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52. Z Sanaeian Pour Shirazi, A Zamani, SMJ Mortazavi, F Zakeri, M **Dianatpour**, MA Mosleh-Shirazi(2016). Developing an Automated Cytogenetic Imaging System for Detection of Dicentric Chromosomes in Biological Dosimetry. Journal of Biomedical Physics and Engineering.
53. Davood Mehrabani, Mina Rabiee, Amin Tamadon, Shahrokh Zare, Iman Razeghian Jahromi, Mehdi **Dianatpour**, Zahra Khodabandeh(2016). The growth kinetic, differentiation properties, karyotyping, and characterization of adipose tissue-derived stem cells in hamster. Comparative Clinical Pathology. Volume25 Issue5 Pages1017-1022
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60. Davood Mehrabani, Roshanak Bahrami Nazarabadi, Maryam Kasraeian, Amin Tamadon, Mehdi **Dianatpour**, Akbar Vahdati, Shahrokh Zare, Farnaz Ghobadi(2016). Growth kinetics, characterization, and plasticity of human menstrual blood stem cells. Iranian journal of medical sciences. Volume41 Issue2 Pages132
61. Negar Pouyanfar, Ahmad Monabbati, Alireza Amin Sharifi, Mehdi **Dianatpour**(2016). Expression Levels of MMP9 and PIWIL2 in Prostate Cancer: a Case-Control Study. Clinical laboratory. Volume62 Issue4 Pages651-657
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Induction of spermatogenesis by bone marrow-derived mesenchymal stem cells in busulfan-induced azoospermia in hamster. *International journal of stem cells*. Volume8 Issue2 Pages134

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THESIS AND DISSERTATIONS SUPERVISED

1-MSC STUDENTS: 12

2- PHD STUDENTS: 6

3- ONGOING PHD STUDENTS: 3