

Curriculum Vitae



Personal information

First name / Surname: Mohammad Reza / Dehghani
Date of birth: 12 October 1969
Nationality : Iranian
Address : Yazd Infertility center/Yazd University of Medical Sciences/Yazd,Iran
Telephone : Lab: (+98) 351 824 7086
Cell Phone : +98 913 153 2129
Fax :

Education and training

1988 :Diploma in Mathematics
1990 - 1997 : MD (Doctor of Medicine), Islamic Azad University, Tehran – Iran
2004 : Short Course on "Restructuring in Hospital Management", Karlsruhe University, Germany
2008-2009 : Master of Public Health in Restructure of health system (one year study
Only passed courses without thesis)
2009 -2013: PhD student of Pathology and Medical genetics: I received following training : Prenatal diagnosis (preparation of slides ,amniocentesis , CVS ,Q& G-banding and Prenatal Microarray), Genetic counseling and CGH-Array of DSDs , MR , Autism spectrum Disorders and NGS

Work experience

2018 – Present: Health Policy & Management Shahid Sadoughi University of Medical Sciences and Health Services

2015 – Present: Head of the Medical Genetics Research Center Shahid Sadoughi University of Medical Sciences and Health Services

May 2014 – 2015: Manager of main hospital Shahid Sadoughi University of Medical Sciences and Health Services University of Yazd

2008 – May 2014 : Research Assistant, Yazd Infertility Research Center

2007 - Nov 2009: Vice President for Financial Affairs, University of Medical Sciences, **Yazd, Iran**

2003 - Nov 2009: Budget Manager, University of Medical Sciences, **Yazd, Iran**

2000- 2003 : Chief of Bafgh Health Center (A City in Iran)

1999-2000 : Chief of Taft Health Center (A City in Iran)

Membership

2014 to present: Member of Hospital management Research Council

2014 to present: Member of Research Committee in Education of EDC

2014 to present : Member of Repeated Pregnancy loss Research Council

2013 to present : Member of Reproductive Sciences Institute Research Council

2013 to present: Member of Research Deputy H.S.R. Council (Health System Research)

2008-Nov 2009: Member of University Scholarship Council

2007-Nov 2009: Member of University H.S.R. Council (Health System Research)

2006-Nov 2009: Member of Professional Committee on Budget Planning in the Iranian Ministry of Health

2004-Nov 2009: Member of University Quality Promotion Development committee

Awards and Honors

Prominent poster Award 7th Yazd International Student Award in Reproductive Medicine with 2^{sh} Reproductive genetic congress and Congress of Reproductive Immunology 2017 , Yazd, Iran
Prominent Budgeting Manager Award, Iranian Minister of Health and Medical Education, 2008
Prominent Manager Award, President of Shahid Sadoughi University of Medical Sciences, 2004
Prominent Manager Award, Iranian Minister of Health and Medical Education, 2003

Courses & Workshops

April 2019: 8th Yazd International Student Award in Reproductive Medicine with 3^{sh} Reproductive genetic congress and Congress

May 2018: 3rd international and 15th Iranian Genetics congress

April 2017: 7th Yazd International Student Award in Reproductive Medicine with 2^{sh} Reproductive genetic congress and Congress of Reproductive Immunology held on, Yazd, Iran

April 2015: 6th Yazd International Student Award in Reproductive Medicine with 1^{sh} Reproductive genetic congress held on, Yazd, Iran

April 2013: 5th Yazd International Student Award in Reproductive Medicine held on, Yazd, Iran

Sep 2011: 12th International Royan Congress, Tehran, Iran

May 2011: 24th course of Medical Genetics , Bologna, Italy

April 2011: 4th Yazd International Student Award in Reproductive Medicine held on, Yazd, Iran

Oct 2011: 3rd course in the Integration of Cytogenetic, Microarrays and Massive sequencing, Bologna, Italy

May 2009: 3rd Yazd International Student Award in Reproductive Medicine held on, Yazd, Iran

April 2008: Symposium of Transplantation and Cryopreservation of Ovary in Laboratory Animals, Yazd Infertility Research Center

May 2007: 2nd Yazd International Student Award in Reproductive Medicine held on, Yazd, Iran

Publications & Presentation

Mehrdad Talebi, Mohammad Yahya Vahidi Mehrjardi, Kambiz Kalhor, **Mohammadreza Dehghani**. Is there any relationship between mutation in CPS1 Gene and pregnancy loss? International Journal of Reproductive BioMedicine, 2019

Hugh J. McMillan, Aida Telegrafi, Amanda Singleton, Megan T. Cho, Daniel Lelli, Francis C. Lynn, Julie Griffin, Alexander Asamoah, Tuula Rinne, Corrie E. Erasmus, David A. Koolen, Charlotte . Haaxma, Boris Keren¹, Diane Doummar, Cyril Mignot, Islay Thompson, Lea Velsher, **Mohammadreza Dehghani**, Mohammad Yahya Vahidi Mehrjardi, Reza Maroofian, Michel Tchan, Cas Simons, John Christodoulou, Elena Martín Hernández, Maria J. Guillen Sacoto, Lindsay B. Henderson, Heather McLaughlin, Laurie L. Molday², Robert S. Molday and Grace Yoon, *Recessive mutations in ATP8A2 cause severe hypotonia, cognitive impairment, hyperkinetic movement disorders and progressive optic atrophy*, Orphanet Journal of Rare Diseases, 2018

Valentina Muto, Elisabetta Flex, Zachary Kupchinsky, Guido Primiano, Hamid Galehdari, **Mohammadreza Dehghani**, Serena Cecchetti, Giovanna Carpentieri, Teresa Rizza, Neda Mazaheri, Alireza Sedaghat, Mohammad Yahya Vahidi Mehrjardi, Alice Traversa, Michela Di Nottia, Maria M Kousi, Yalda Jamshidi, Andrea Ciolfi, Viviana Caputo, Reza Azizi Malamiri, Francesca Pantaleoni, Simone Martinelli, Aaron R Jeffries, Jawaher Zeighami, Amir Sherafat, Daniela Di Giuda, Gholam Reza Shariati, Rosalba Carrozzo, Nicholas Katsanis, Reza Maroofian, Serenella Servidei, Marco Tartaglia, *Biallelic SQSTM1 mutations in early-onset, variably progressive neurodegeneration*, Neurology, 2018

Mohammad Reza Dehghani, Mohammad Yahya Vahidi Mehrjardi, Nafi Dilaver, Masoud Tajamolian, Samaneh Enayati, Pirooz Ebrahimi, Mahsa M Amoli, Sadaf Farooqi, Reza Maroofian, *Potential role of gender specific effect of leptin receptor deficiency in an extended consanguineous family with severe early-onset obesity*, European Journal of Medical Genetics, 2018

Mohammad Yahya Vahidi Mehrjardi, Reza Maroofian, Seyed Mehdi Kalantar, Mojtaba Jaafarinia, John Chilton, **Dehghani. Mohammadreza**, *A Novel Loss-of-Function Mutation in HOXB1 Associated with Autosomal Recessive Hereditary Congenital Facial Palsy in a Large Iranian Family*, molecular syndromology, 2017

Mohammad Yahya Vahidi Mehrjardi, Seyed Mehdi Kalantar, Mojtaba Jaafarinia, **Mohammadreza Dehghani**, *The Effect of HOXB1 Gene Expression in HCFP Patient Using Real Time PCR Assay in Iranian Family*, Biomedical and Pharmacology Journal. 2017

Fatemeh Hajizadeh Tafti, **Mohammad Reza Dehghani**, Ehsan Farashahi Yazd, Maryam Golzadeh, Mohammad Yahya Vahidi Mehrjardi, Seyed Mehdi. Kalantar, *Linkage Analysis of Autosomal Dominant Polycystic Kidney Disease in Iranian Families through PKD1 and PKD2 DNA Microsatellite Markers*, Nephro Urology Monthly, 2017

Mohammadreza Dehghani, Masoud Dehghan Tezerjani, Zahra Metanat, Mohammad Yahya Vahidi Mehrjardi, *A Novel Missense Mutation in the ALDH13 Gene Causes Anophthalmia in Two Unrelated Iranian Consanguineous Families*, Int J Mol Cell Med. 2017.

Mohammadreza Dehghani, Majid Mojarad, Ehsan Ghayoor Karimiani, Mohammad Yahya Vahidi Mehrjardi, A Sahebalzamani, F Ashrafzadeh, M Beiraghi Toosi, A Eslahi, N Ahangari, S.M Yassini, A

Hassanbeigi, Azam Rasti, Seyed mehdi Kalantar, Reza. Maroofian, *A Common Ancestral Asn242Ser Mutation in TMEM67 Identified in Multiple Iranian Families with Joubert Syndrome*, public health genomics,2017

Mohammad Yahya Vahidi Mehrjardi, Masoud Dehghan Tezerjani, NORI-SHADKAM Mahmoud, Seyed Mehdi Kalantar, **Mohammadreza Dehghani**, *Newborn with Supernumerary Marker Chromosome Derived from Chromosomes 11 And 22-A Case Report*. Iranian Journal of Public Health, 2016.

Masoud Dehghan Tezerjani, Reza Maroofian, Mohammad Yahya Vahidi Mehrjardi, Barry A Chioza, Shiva Zamaninejad, Seyed Mehdi Kalantar, Mahmoud Nori-Shadkam, Hamidreza Ghadimi, Emma L Baple, Andrew H Crosby, **Mohammadreza Dehghani**, *A Novel Mutation in the OFD1 Gene in a Family with Oral-Facial-Digital Syndrome Type 1: A Case Report*, Iranian Journal of Public Health,2016

Samira Negahdari, **Mohammadreza Dehghani**, Javad Mohammadi Asl, Ali Bidmeshkipour, *Association of Endothelial Nitric Oxide Synthase and MTHFD1 Polymorphisms with Idiopathic Recurrent Pregnancy Loss in Iranian Women*. Genetics in the 3rd millennium.2016

Maria M Alves, Danny Halim, Reza Maroofian, Bianca M de Graaf, Raoul Rooman, Christine S van der Werf, Els Van de Vijver, Mohammad Yahya Vahidi Mehrjardi, Majid Aflatoonian, Barry A Chioza, Emma L Baple, **Mohammadreza Dehghani**, Andrew H Crosby, Robert MW Hofstra, *Genetic screening of Congenital Short Bowel Syndrome patients confirms CLMP as the major gene involved in the recessive form of this disorder*, European Journal of Human Genetics, 2016

Masoud Dehghan Tezerjani, Mohammad Yahya Vahidi Mehrjardi, Seyed Mehdi Kalantar, **Mohammadreza Dehghani**, *Genetic Susceptibility to Transient and Permanent Neonatal Diabetes Mellitus*. International Journal of Pediatrics, 2015.

OrsettaZuffardi, Annalisa Vetro, **Mohammad Reza Dehghani** et al, Testis development in the absence of SRY: chromosomal rearrangements at SOX9 and SOX3, Paper #575-14-EJHGR (Accepted in 30 September)

Dehghani M, Rossi E, Vetro A, Russo G, Hashemian Z, Zuffardi O, A newborn with ambiguous genitalia and a complex X;Y rearrangement. Iran J Reprod Med. 2014 May;12(5):351-6.

Seyed Mehdi Hoseini, FatemeMontazeri, Ali Mohamad Foroughmand, **Mohammadreza Dehghani**, Hamid Reza Ghadimi, Introduction to Genetic Testing – Applications, Advantages and Disadvantages. G3M 2014May.3544-63

Samira Negahdari, AzamRasti, **Mohammadreza Dehghani**, AlimohammadFroughmand, FatemeMontazeri, HamidrezaGhadimi. X Chromosome Skewness in Neurological Disorders. G3M 2014Feb.3438-47

Foroughmand MA, **Dehghani MR***, Kalantar SM, Ghadimi HR, MontazeryF, Genetics of Congenital Heart Defects and Diagnostic approaches. G3M 2013 Aug.3218-37

Sheikhha MH, Afkhami-Ardekani M, Mirjalili SMR, **Dehghani MR*** Investigating the Frequency of MSP1 Polymorphism of APOA1 Gene in Type II Diabetic Patients and Comparing it with This Frequency in Nondiabetics G3M 2013 June. 3218-37

Bayindir B, Piazza E, Della Mina E, Limongelli I, Brustia F, Ciccone R, Veggiotti P, Zuffardi O, **Dehghani MR**, Dravet phenotype in a subject with a der(4)t(4;8)(p16.3;p23.3) without the involvement of the LETM1 gene. Eur J Med Genet. 2013 Oct;56(10):551-5.

Zuffardi O, **Dehghani MR**, Annalisa Vetro, Development sex disorder and male infertility, 5th Yazd International Student Award in Reproductive Medicine held on, Yazd, Iran **April 2013** (oral presentation)

Zuffardi O, **Dehghani MR**, Annalisa Vetro, The medicine within the genome: the great option of next generation sequencing, 5th Yazd International Student Award in Reproductive Medicine held on, Yazd, Iran **April 2013** (oral presentation)

Dehghani MR, Zuffardi O et al, screening for chromosome abnormality by microscopic chromosome analysis: A report of 2 years study of cytogenetic results of referred candidate for prenatal diagnosis, 5th Yazd International Student Award in Reproductive Medicine held on, Yazd, Iran **April 2013** (oral presentation)

Dehghani MR, Zuffardi O, Kalantar SM, Next generation sequencing on the patient suffering from Mental Retardation in Yazd, Iran (Final Report)

-Aflatoonian A, Baghian Moghadam B, ... and **Dehghani M**, New classification for female Infertility PubMed, Clin Exp Obstet Gynecology Vol 38(4), 2011

-Forat Yazdi M, Hashemian Z, Nazmieh H, Dehghani Ahmad Abad, **Dehghani MR**, A report of three cases with thrombotic thrombocytopenic purpura (TTP) secondary to an occult gastric adenocarcinoma, Abstract book of Iranian journal of pediatric and oncology Vol 1, No 1, Sup 1, Oct 2011 (oral Presentation)

-Aflatoonian A, Haeri A, Labbafghasemi R, **Dehghani MR**, Kalantar M, Sheikhha MH, Developing and Validation of the "**Female infertility**" module according to clinical presentation curriculum (CPC) & Comparing it with routine curriculum, Clinical and Research Center for Infertility, 2006-2008 (6th Asia Pacific Medical Education Conference (APMEC 2009) 19th – 22nd February 2009, Singapore

-Aflatoonian A, Abdoli A. M, Baghian Moghadam B, , Partovi P, **Dehghani M R**, Jabbari L, , Khosravi M, Afzali P, Rahavi A, , Hemmati P, Scheme: a new tool in organizing knowledge structure and clinical Problem solving strategies in gynecology & obstetrics. International Congress on Implementation of WFME Standards of undergraduate Medical Education, 7-9 NOV 2008, Kish, Iran (Oral Presentation)

-AflatoonianA,AbdoliA.M,JabbariL,Partovi p, **Dehghani M R**,Afzali P ,KhosraviM,Rahavi A,Baghian,MoghadamB,HemmatiP,clinical presentation matrix an international step in defining Educational objectives for medical education ingynecology and obstetrics. International Congress on Implementation of WFME Standards of undergraduate Medical Education,7-9 NOV 2008, Kish ,Iran(Oral Presentation)

-AflatonianAbbas,Abdoli Ali BaghianMoghadamBehnam,PartoviParinaz, **Dehghani MR** ,Developing an educational scheme for “INFERTILITY” as an etiologic classification and diagnostic guideline, International Congress on Implementation of WFME Standards of undergraduate Medical Education,7-9 NOV 2008, Kish ,Iran(Oral Presentation)

-MirmohammadiJ,HashemianZ,**Dehghani MR**, Student satisfaction about registration stages and courses in Shahidsadoughi university medical science 9TH National Congress on Medical Education, Yazd, Iran, 4 – 6 March 2008 (poster presentation)

-Dehghani AA, Ehrampush MH, Lotfi MH and **Dehghani M R**, The effect of environmental intervention on the control of rural coetaneous leishmaniosis, joint annual conference of the Indian society for malaria and other communicable disease and Indian association of epidemiologists, 19-21 Nov 2004

-**Dehghani MR**, Kimiagar M., Specification of goiter, urine iodine and intelligence quotientin 8-10 year old children in yazd, The 5th international congress of Endocrine Disorders, 6-9september1999 (poster presentation)

-Dehghani A,GhofranipoorF,**Dehghani MR**, The correlation between goiter stage andurine iodine in students suffering from endemic goiter in Yazd, The 5th international congress of Endocrine Disorders,6-9september1999 (poster presentation)

-Dehghani A,KimiagarSM,AmirbeigiMK,Faghiezhadeh S, **Dehghani MR** ,The Correlation between goitre’s stage and urine Iodine in student suffering from endemic goiter, Journal of shahidsadoughi university of medical science ,Vol.5, no.4 Winter 1998

- **Corresponding Author**

طرحهای تحقیقاتی انجام شده بعنوان مجری

- بررسی میزان تناسب نوع کار با پست سازمانی و رشته تحصیلی شاغلین سازمان مرکزی دانشگاه علوم پزشکی شهید صدوقی یزد در سال (خاتمه یافته)
- بررسی میزان علل کسورات اعمال شده سازمانهای بیمه خدمات درمانی و تأمین اجتماعی در صورتحساب بیمارستانهای آموزشی دانشگاه علوم پزشکی شهید صدوقی یزد در سال ۱۳۸۸ (خاتمه یافته)
- بررسی میزان رضایت مندی شغلی کارکنان ستادی دانشگاه علوم پزشکی و بیمارستانهای تابعه ۱۳۸۷-۱۳۸۸ (خاتمه یافته)
- مقایسه شیوع ویروس پاپیلاری انسانی و ضایعات پیش بدخیم دهانه رحم در بیماران مبتلا به اندومتریوز نسبت به گروه کنترل
- بررسی حساسیت و ویژگی روش بازیابی و جداسازی تروفوبلاست از سرویکس (TRIC) مبتنی بر نانوذرات ایمونومغناطیس برای غربالگری پیش از تولد آنیوپلوئیدی های رایج
- بازیابی و جداسازی تروفوبلاست از سرویکس (TRIC) مبتنی بر نانوذرات ایمونومغناطیس با دو نوع پوشش متفاوت برای غربالگری پیش از تولد آنیوپلوئیدی های رایج طراحی و آماده سازی پنل غربالگری ژنتیکی بتا تالاسمی از طریق تعیین جهشهای ژن بتا تالاسمی در بیماران و ناقلین در استان یزد
- بررسی ارتباط پلی مورفیسم Val158Met ژن COMT ، پلی مورفیسم Ser311/Cys311 ژن DRD2 و پلی مورفیسم Ile105Val ژن GSTP1 و پلی مورفیسم حذفی ژن های GSTM1 و GSTT1 در بیماران مبتلا به اسکیزوفرنی مراجعه کننده به بیمارستان تخصصی اعصاب و روان در شهر یزد
- مطالعه جنبه های ژنتیک بیماریهای قلبی- عروقی توارثی
- بررسی اختلالات کروموزومی در جنین سقط شده
- "نسل جدید توالی یابی بر روی بیماران با مشکل نازایی و عقب ماندگی ذهنی در منطقه طبس
- نسل جدید توالی یابی بر روی بیماران با مشکل نازایی و عقب ماندگی ذهنی در منطقه طبس
- نسل جدید توالی یابی بر روی بیماران با مشکل نازایی و عقب ماندگی در منطقه طبس" مرکز تحقیقات ناباروری
- بررسی میزان تناسب نوع کار با پست سازمانی و رشته تحصیلی شاغلین سازمان مرکزی دانشگاه علوم پزشکی شهید صدوقی یزد در سال ۱۳۸۸
- مطالعه ویژگی های کارآفرینی در بین دانشجویان دانشگاه علوم پزشکی شهید صدوقی یزد ۱۳۸۷