University of Social Welfare and Rehabilitation Sciences

Ministry of Health and Medical Education

ITA		
Name: Reza Surname: Najafipour	Specialty /Ph.D. Medical Genetics	
Title/Degree: Dr./ Prof.	Department of: Genetics	

Research Interests:

- Mental Disorders
- Genetic of infertility
- Gene finding approaches (SNP genotyping, whole exome sequencing, ...)
- Human Genetics

Scopus Profile: https://www.https://www.scopus.com/authid/detail.uri?authorId=42862116500 Google Scholar Profile: https://https://scholar.google.com/citations?hl=en&user=VcEFb3AAAAAJ	Updated: 2021/9/29

Personal Information	Nationality: Iranian
Office address: Department of Genetics University of Social Welfare & Rehabilitation Sciences Kudakyar St.,Daneshjo Blvd.,Evin,Tehran,Iran Tel: (21) 22180106 Fax: (21) 22180138	E-mail: re.najafipour@uswr.ac.ir Home Page: https://isid.research.ac.ir/ University URL: http://www.uswr.ac.ir

Education

Date	Degree	Duration	Institution	Country/City	Major
1983-1990	M.D.	7 years	University of Kemanshah	Iran/Kermanshah	General physician
1994-1995	MPH	1 years	University of Tehran	Iran/Tehran	Master of public Health
2003-2007	Ph.D.	4 year	Moscow Academy of medicine	Moscow/Russia	Medical Genetics Ph.D. by research

Faculty member

Year	Position	Duration	Institution/Course	Location
2007	Assistant Prof.	6 years	QUMS	Qazvin
2014	Associated Prof.	6 years	QUMS	Qazvin
2021	Prof.	1year	QUMS	Qazvin
2021	Prof.		USWR	Tehran

Field of Specialization

- Human Genetics

Language Ability

- English

-Russian

Research Experience

Year	Position	Institution/Course	Location
2007	Co-PI	Mutation screening of M1S1 gene in Iranian Gelatinous Drop-Like corneal Dystrophy patients.	
2011	Co-PI	Linkage analysis in Iranian families affected with autosomal recessive congenital ichthyosis (ARCI). Pasteur institute	

2012	Co-PI	Linkage analysis in Iranian patients affected with Amyotrophic Lateral Sclerosis (ALS). INSF	
2013	Co-PI	Analysis of hexanucleotide expansions in C9orf72 gene among Iranian patients affected with Amyotrophic Lateral Sclerosis (ALS).	
2013-2014	PI	Identification of causative gene for an atypical neuromuscular disease with motor and sensory manifestations using linkage analysis and exome sequencing. INSF	
2014-2015	PI	Genetic analysis of 10 Iranian patients affected to FSHD (Facioscapulohumeral muscular dystrophy). GRC-USWR	
2016	PI	Clinical and genetic study of 40 Iranian patients affected to Limb girdle muscular dystrophy type sarcoglycopathy. INSF	
2015	PI	Finding of causative gene in an Iranian family affected to primary ovarian failure (POF) using whole exome sequencing (WES) and screening of candidate gene in other Iranian POF patients. BMN	
2016	PI	Identification of disease causative gene in a large Iranian pedigree affected to primary ovarian failure (POF). INSF	
2017	PI	Searching for causative genes in 10 Iranian patients affected to hereditary spastic paraplegia (HSP) using whole exome sequencing. USWR	
2018	PI	Searching for causative genes in 50 Iranian patients affected to hereditary spastic paraplegia (HSP) using whole exome sequencing. GRC-USWR-NIMAD	
2021	PI	Searching for causative genes in 15 Iranian patients affected to hereditary spastic paraplegia (HSP) using whole exome sequencing	

Publications
1. Journals
1:Two common polymorphisms in the peroxisome proliferator-activated receptor gamma gene may improve fertilization in IVF.Sahmani, M., Sakhinia, E., Farzadi, L., (Najafipour R...), Shaaker, M., Noori, M.2011 / Original Article,Reproductive BioMedicine Online, 23(3), pp. 355-360 2:Agreement rate of rapid urease test, conventional PCR, and scorpion real-time PCR in detecting Helicobacter pylori from tonsillar samples of patients with chronic tonsillitis.Najafipour, R., Farivar, T., Pahlevan, A., (...), Safdarian, F., Asefzadeh, M.2012 / Original Article, Journal of Global Infectious Diseases, 4(2), pp. 106-109 3: Lack of association between herpes simplex virus type 2 infection and cervical cancer-taq man realtime PCR assay findings .Farivar, T.N., Johari, P., Shafei, S., Najafipour, R.2012 / Original Article,Journal of Global Infectious Diseases, 4(1), pp. 38-42 4: Assessment of Helicobacter pylori prevalence by scorpion real-time PCR in chronic tonsillitis patients.Naserpour Farivar, T., Pahlevan, A.A., Johari, P., (...), Najafipour, R., Ahmadpour, F.2012 / Original Article,Journal of Global Infectious Diseases, 4(1), pp. 38-42 5: Peroxisome proliferator-activated receptor-gamma pro12ala polymorphism and risk of osteopenia in beta-thalassemia major patients. Sahmani, M., Gholami, A., Azarkeivan, A., (...), Sabet, M.S., Najafipour, R.2013 / Original Article, Hemoglobin, 37(6), pp. 564-573 6: Biotin-encoded and Fe3O4-loaded polymeric Nano micelles: Preparation, optimization and in vitro characterization.Azqhandi, M.H.A., Khanmohammadi, M.R., Farahani, B.V., Najafipour, R.2013 / Original Article,Letters in Drug Design and Discovery, 10(10), pp. 1015-1023 7: Methoxy poly(ethylene glycol)-block-polycaprolactone copolymer: Formulation and optimization by experimental design; Determination of diblock molar mass by multivariate regression analysis of 1H NMR spectra.Khanmohammadi, M.R., Ahmadi Azqhandi, M.H., Farahani, B.V., Najafipour, R.2013 / Original Article,Analytical Methods, 5(11), pp. 2840-2847 8: I405V polymorphism of CETP gene and lipid profile in women with endometriosis. Sahmani, M., Ghaleh, T.D., Darabi, M., (...), Rashvand, Z., Najafipour, R.2013 / Original Article,Gynecological Endocrinology, 29(7), pp. 712-715 9:Prevalence of clarithromycin-resistant Helicobacter pylori in patients with chronic tonsillitis by allele-specific scorpion real-time polymerase chain reaction assay. Naserpour Farivar, T., Najafipour, R., Johari, P.2013 / Original Article,Laryngoscope, 123(6), pp. 1478-148 10: Lack of association between LIPC-514 C/T polymorphism of hepatic lipase and endometriosis in Iranian women.Sahmani, M., Ghaleh, T.D., Darabi, M., (...), Rashvand, Z., Najafipour, R.2014 / Original Article,Journal of Obstetrics and Gynaecology Research, 40(2), pp. 479-484

11: Association between upstream purine complexes of human caveolin-1 gene and schizophrenia in qazvin province of iran.Najafipour, R., Heidari, A., Alizadeh, S.A., (...), Moradi, M., Afshar, H.2014 / Original Article,Iranian Red Crescent Medical Journal, 16(12),e21484

12: Diagnostic efficacy of lsa63 antigen for human leptospirosis.Alizadeh, S.A., Eshraghi, S.S., Pourmand, M.R., (...), Rahimiforoshani, A., Najafipour, R. 2014 / Original Article, Iranian Red Crescent Medical Journal , 16(3),e14753

13: The relationship between gastric cancer and Helicobacter pylori in formaldehyde fixed paraffin embedded gastric tissues of gastric cancer patients-scorpion real-time PCR assay findings.Naserpour Farivar, T., Johari, P., Najafipour, R., (...), Azimi, A., Bahrami, M.2014 / Original Article,Pathology and Oncology Research, 20(1), pp. 113-117

14: Development and evaluation of a Quadruplex Taq Man real-time PCR assay for simultaneous detection of clinical isolates of Enterococcus faecalis, Enterococcus faecium and their vanA and vanB genotypes.Farivar, T.N., Najafipour, R., Johari, P., (...), Hashemi, H.J., Mirzaui, B.2014 / Original Article,
Iranian Journal of Microbiology, 6(5), pp. 335-340

15: Evaluation of New ELISA based on rLsa63 - rLipL32 antigens for serodiagnosis of Human Leptospirosis.Alizadeh, S.A., Abdolahpour, G., Pourmand, M., (...), Najafipour, R., Eshraghi, S.S.2014 / Original Article,Iranian Journal of Microbiology, 6(3), pp. 184-189

16: Emergence of TEM, SHV, and CTX-M-extended spectrum beta-lactamases and class 1 integron among Enterobacter cloacae isolates collected from Hospitals of Tehran and Qazvin, Iran.Peymani, A., Farivar, T.N., Sanikhani, R., Javadi, A., Najafipour, R.2014 / Original Article.Microbial Drug Resistance, 20(5), pp. 424-430

17: The 763c>G polymorphism of the secretory PLA2IIa gene is associated with endometriosis in Iranian women.Sahmani, M., Darabi, M., Darabi, M., (...), Alizadeh, S.A., Najafipour, R.2015 / Original Article,International Journal of Fertility and Sterility, 8(4), pp. 437-444

18:Effect of PPARδ Agonist on Stearoyl-CoA Desaturase 1 in Human Pancreatic Cancer Cells: Role of MEK/ERK1/2 Pathway.Byagowi, S., Naserpour Farivar, T., Najafipour, R., (...), Mirshahvaladi, S., Darabi, M.2015 / Original Article,Canadian Journal of Diabetes, 39(2), pp. 123-127

19: Comparison of protamine 1 to protamine 2 mRNA ratio and YBX2 gene mrna content in testicular tissue of fertile and Azoospermic men.Moghbelinejad, S., Najafipour, R., Samimi Hashjin, A.2015 / Original Article,International Journal of Fertility and Sterility, 9(3), pp. 338-345

20: Emergence of plasmid-mediated quinolone-resistant determinants in Klebsiella pneumoniae isolates from Tehran and Qazvin provinces, Iran.Peymani, A., Farivar, T.N., Nikooei, L., (Najafipour R...), Javadi, A., Pahlevan, A.A.2015 / Original Article,Journal of Preventive Medicine and Hygiene, 56(2), pp. E61-E65

21: Dissemination of Pseudomonas aeruginosa producing blaIMP-1 and blaVIM-1 in Qazvin and Alborz educational hospitals, Iran.Peymani, A., Farivar, T.N., Ghanbarlou, M.M., Najafipour, R.2015 / Original Article,Iranian Journal of

Microbiology, 7(6), pp. 302-309

22: Evaluation of mRNA contents of YBX2 and JHDM2A genes on testicular tissues of azoospermic men with different classes of spermatogenesis.Najafipour, R., Moghbelinejad, S., Hashjin, A.S., Rajaei, F., Rashvand, Z.2015 / Original Article,Cell Journal, 17(1), pp. 121-128

23: Mutations of the phenylalanine hydroxylase gene in Iranian patients with phenylketonuria.Biglari, A., Saffari, F., Rashvand, Z., (...), Najafipour, R., Sahmani, M.2015 / Original Article,SpringerPlus, 4(1),542

24: Mutations in the histamine N-methyltransferase gene, HNMT, are associated with nonsyndromic autosomal recessive intellectual disability.Heidari, A., Tongsook, C., Najafipour, R., (...), Macheroux, P., Vincent, J.B.2015 / Original Article,Human Molecular Genetics, 24(20), pp. 5697-5710

25:Evaluating −238 G>A Polymorphism Association in TNF-alpha Gene with Metabolic Parameters and Nutritional Intakes Among the Iranian NAFLD Patients.Mohseni, F., Rashvand, Z., Najafipour, R., Hadizadeh, S., Moghbelinejad, S.2016 / Original Article,Biochemical Genetics, 54(5), pp. 685-695

26:The effects of kainic acid-induced seizure on gene expression of brain neurotransmitter receptors in mice using RT2 PCR array.Farivar, T.N., Nassiri-Asl, M., Johari, P., Najafipour, R., Hajiali, F.2016 / Original Article,Basic and Clinical Neuroscience, 7(4), pp. 291-298

27: Investigation of FIH-1 and SOCS3 expression in KRAS mutant and wild-type patients with colorectal cancer.Vakil, L., Najafipour, R., Rakhshani, N., (...), Morakabati, A., Javadi, A.2016 / Original Article,Tumor Biology, 37(7), pp. 8841-8848

28: Association of G/T(rs222859) polymorphism in Exon 1 of YBX2 gene with azoospermia, among Iranian infertile males.Najafipour, R., Rashvand, Z., Alizadeh, A., Aleyasin, A., Moghbelinejad, S.2016 / Original Article,Andrologia, 48(9), pp. 956-960

29: High prevalence of plasmid-mediated quinolone resistance determinants in enterobacter cloacae isolated from hospitals of the Qazvin, Alborz, and Tehran provinces, Iran.Peymani, A., Farivar, T.N., Najafipour, R., Mansouri, S.2016 / Original Article,Revista da Sociedade Brasileira de Medicina Tropical, 49(3), pp. 286-291

30: The role of quercetin in gene expression of GluR1 subunit of AMPA receptors, and NR2A and NR2B subunits of NMDA receptors in kainic acid model of seizure in mice.Moghbelinejad, S., Mohammadi, G., Khodabandehloo, F., (...), Rashvand, Z., Nassiri-Asl, M.2017 / Original Article.Iranian Red Crescent Medical Journal, 19(5),e42415

31: Major components of metabolic parameters and nutritional intakes in different genotypes of adiponectin 276 G>T gene polymorphism in non-diabetes and non-alcoholic Iranian fatty liver patients. Mohseni, F., Moghbelinejad, S., Najafipour, R.2017 / Original Article,Avicenna Journal of Medical Biotechnology, 9(3), pp. 155-161

32: The effects of rutin on the gene expression of dazl, bcl2, and caspase3 in Idarubicin-Induced testicular damages in mice.Deihimi, M., Moghbelinejad, S., Najafipour, R., Parivar, K., Nassiri-Asl, M.2017 / Original Article,Iranian Red

Crescent Medical Journal, 19(4),e44765

33: Blockade of fast a-type and TEA-sensitive potassium channels provide an antiparkinsonian effect in a 6-OHDA animal model.Haghdoost-Yazdi, H., Piri, H., Najafipour, R., (...), Dargahi, T., Alipour Heidari, M.2017 / Original Article,Neurosciences, 22(1), pp. 44-50

34: An association study between CHEK2 gene mutations and susceptibility to breast cancer.Jalilvand, M., Oloomi, M., Najafipour, R., (...), Rad, F.S., Shekari, M.2017 / Original Article.Comparative Clinical Pathology, 26(4), pp. 837-845

35: The effects of quercetin on the gene expression of the GABAA receptor alpha5 subunit gene in a mouse model of kainic acid-induced seizure.Moghbelinejad, S., Alizadeh, S., Mohammadi, G., (...), Najafipour, R., Nassiri-Asl, M.2017 / Original Article.Journal of Physiological Sciences, 67(2), pp. 339-343

36: Effect of B9 and B12 vitamin intake on semen parameters and fertility of men with MTHFR polymorphisms.Najafipour, R., Moghbelinejad, S., Aleyasin, A., Jalilvand, A.2017 / Original Article,Andrology, 5(4), pp. 704-710

37: Association of −604G/A and −501A/C Ghrelin and Obestatin Prepropeptide Gene Polymorphisms with Polycystic Ovary Syndrome.Ghaleh, T.D., Skandari, S.S., Najafipour, R., (...), Darabi, M., Sahmani, M.2018 / Original Article,Biochemical Genetics, 56(1-2), pp. 116-127

38: Association of rs1057035polymorphism in microRNA biogenesis pathway gene (DICER1) with azoospermia among Iranian population.Moghbelinejad, S., Najafipour, R., Momeni, A.2018 / Original Article,Genes and Genomics, 40(1), pp. 17-24

39: Structural characterization of the recombinant human fibroblast growth factor receptor 2b kinase domain upon interaction with flavonoids.Piri, H., Seyyed-Attaran, F., Gheibi, N., (...), Asl-Fallah, S., Ilghari, D.2019 / Original Article.Jundishapur Journal of Natural Pharmaceutical Products, 14(2),e12499

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41: Effect of inbreeding on intellectual disability revisited by trio sequencing.Kahrizi, K., Hu, H., Hosseini, M., (Najafipour R...), Najmabadi, H., Ropers, H.-H. 2019 / Original Article,Clinical Genetics, 95(1), pp. 151-159

42: Iranome: A catalog of genomic variations in the Iranian population. Fattahi, Z., Beheshtian, M., Mohseni, M., (Najafipour R...), Akbari, M.R., Najmabadi, H.2019 / Original Article,Human Mutation, 40(11), pp. 1968-1984

43: Evolving evidence on a link between the ZMYM3 exceptionally long GA-STR and human cognition.Afshar, H., Khamse, S., Alizadeh, F., (Najafipour R...), Kowsari, A., Ohadi, M.2020 / Original Article,Scientific Reports, 10(1),19454

44: A novel PTC mutation in the BTB domain of KLHL7 gene in two patients with Bohring-Opitz syndrome-like features.Cheraghi, S., Moghbelinejad, S., Najmabadi, H., Kahrizi, K., Najafipour, R.2020 / Original Article,European

Journal of Medical Genetics, 63(4),103849

45: Natural Selection at the NHLH2 Core Promoter Exceptionally Long CA-Repeat in Human and Disease-Only Genotypes in Late-Onset Neurocognitive Disorder.Afshar, H., Adelirad, F., Kowsari, A., (Najafipour R...), Nazaripanah, N., Ohadi, M.2020 / Original Article,Gerontology, 66(5), pp. 514-522

46: Expression and Methylation Pattern of hsa-miR-34 Family in Sperm Samples of Infertile Men.Momeni, A., Najafipour, R., Hamta, A., Jahani, S., Moghbelinejad, S.2020 / Original Article,Reproductive Sciences, 27(1), pp. 301-308

47: Clinical and genetic characteristics of splicing variant in cyp27a1 in an iranian family with cerebrotendinous xanthomatosis.Rashvand, Z., Kahrizi, K., Najmabadi, H., Najafipour, R., Omrani, M.D.2021 / Original Article,Iranian Biomedical Journal, 25(2), pp. 132-139

48: Comprehensive genotype-phenotype correlation in AP-4 deficiency syndrome; Adding data from a large cohort of Iranian patients.Beheshtian, M., Akhtarkhavari, T., Mehvari, S., (Najafipour R...), Najmabadi, H., Kahrizi, K.2021 / Original Article,Clinical Genetics, 99(1), pp. 187-192

49: SARS-CoV-2 outbreak in Iran: The dynamics of the epidemic and evidence on two independent introductions.Fattahi, Z., Mohseni, M., Jalalvand, K., (Najafipour R...), Jazayeri, S.M., Najmabadi, H.2021 / Original Article,Transboundary and Emerging Diseases

50: Underexpression of hsa-mir-449 family and their promoter hypermethylation in infertile men: A case-control study.Najafipour, R., Momeni, A., Yousefipour, F., Mousavi, S., Moghbelinejad, S.2021 / Original Article.International Journal of Reproductive BioMedicine, 19(1), pp. 23-34

51:The PTRHD1 Mutation in Intellectual Disability.Sara cheraghi, Sahar Moghbelinejad, Hossein Najmabadi, Kimia Kahrizi, Reza Najafipour.2021 Original Article, Arch Iran Med. October 2021;24(10):747-751

52:Clinical and genetic characteristics of splicing variant in cyp27a1 in an iranian family with cerebrotendinous xanthomatosis. Rashvand, Z., Kahrizi, K., Najmabadi, H., Najafipour, R., Omrani, M.D. Iran Biomed J. 2021 Mar 1;25(2):132-9.doi: 10.29252/ibj.25.2.132.

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56:Screening for differentially expressed microRNAs in BALF and blood samples of infected COVID-19 ARDS patients by small RNA deep sequencing.Reza Najafipour,Davood Mohammadi,Zohreh Estaki,Kiana Zarabadi,Manijeh Jalilvand,Sahar Moghbelinejad. Journal of Clinical Laboratory Analysis.2022;Nov;36(11):e24672.doi: 10.1002/jcla.24672.

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59: Effect of B12 and folate deficiency in hypomethylation of Angiotensin I converting enzyme 2 gene and severity of disease among the acute respiratory distress syndrome patients. Reza Najafipour, Abdol Mabood Momeni , Yousef Mirmazloomi , Sahar Moghbelinejad. 2023 Mar;37(5):e24846 doi: 10.1002/jcla.24846. Epub 2023 Mar 6. Journal of Clinical Laboratory Analysis.

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Original Article

2. Books

Year	Book title	Publisher	Location