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PERSONAL PROFILE

A faculty member qualified doctor with general practice and hospital experience in addition to PhD in human molecular genetic with areas of research relating to DNA repair. A hardworking, commitment individual who is fluent in Farsi and English.

PROFESSIONAL QUALIFICATIONS

University of medical Sciences, Kerman/Iran, 1998-1995	**MD** Synopsis of key features: * Basic Science *Physiopathology of disease *Clinical training *Clinical practice
Sheffield University 2001-2004	**PhD** Homologous recombination in mammalian cells. In this project, homologous recombination events occurring at DNA double-strand breaks, stalled and collapsed replication forks as well as at each phase of the cell cycle were characterised in mammalian cells.

PERSONAL EXPPERINCE

Private clinic in Kerman/Iran ,1995-1997	Wide-ranging experience as general practitioner, with a caseload of up to 100 at any one time
University of medical science, Kerman/Iran, 1995- 2000	Treatment affairs manager I was in charge of specialists-distribution and supervising of private clinics.
Afzalipour Hospital Kerman/Iran, 2004 – 2006	Vice head of hospital I was in charge of supervising all hospital affairs.
University of medical sciences, Kerman/Iran, 2006- 2009	Kerman University Vice Chancellor I was in charge of cultural and student affairs.
Afzalipour Hospital Kerman/Iran, 2006- 2017	Prenatal diagnosis (PND) ward I am technical supervisor and head of PND section. I work for mutation detection and prenatal diagnosis of thalassemic patients.
University of medical sciences,	Professor, Academic member of genetic

Kerman/Iran, 2010- now	department
University of medical sciences, Private Section, Kerman/Iran, 2004-now	Genetic counsellor, during this period, I visit and provide information for 5 to 10 family per week who have, or were at risk of genetic disorders.
Saleh-gohari Genetic laboratory, Samenol-hojaj charity, Shahid Rajaee Street, alley No 78. 2013-2018	I am technical supervisor and head of genetic lab. I work for PND, Cytology, virology and other molecular genetic tests.
Saleh-gohari Genetic laboratory, Esteghlal Street, alley No 16, Kerman. 2018- now	I am technical supervisor and head of genetic lab. I work for PND, Cytology, virology and other molecular genetic tests.

PUBLICATIONS

1-Schultz N, Lopez E, Saleh-Gohari N, Helleday T.Poly (ADP-ribose) polymerase (PARP-1) has a controlling role in homologous recombination. Nucleic Acids Res. 2003 Sep 1; 31(17):4959-64.

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3- Saleh-Gohari, N. Helleday, T. Strand invasion involving short tract gene conversion is specifically suppressed in BRCA2-deficient hamster cells. Oncogene. 2004 Dec 2; 23(56):9136-41.

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7- Al-Minawi AZ, Lee YF, Håkansson D, Johansson F, Lundin C, Saleh-Gohari N, Schultz N, Jenssen D, Bryant HE, Meuth M, Hinz JM,

Helleday T. The ERCC1/XPF endonuclease is required for completion of homologous recombination at DNA replication forks stalled by inter-strand cross-links. Nucleic Acids Res. 2009 Aug 27.

8- Saleh-Gohari N, Mashizi AK. A family with the 619 bp deletion on the beta-globin gene found in Kerman Province, Iran. Hemoglobin. 2009; 33(6):515-8.

9- Saleh-Gohari N, Khosravi-Mashzi A. Spectrum of α-globin gene mutations in Kerman province of Iran. Hemoglobin. 2010; 34(5):451-60.

10- Saleh-Gohari N, Bazrafshani MR. Distribution of β-globin gene mutations in thalassemia minor population of Kerman province, Iran. Iranian J Publ Health, Vol. 39, No.2, 2010, pp.69-76.

11- Haghighi A, Al-Hamed M, Al-Hissi S, Hynes A, Sharifian M, Roozbeh J, Saleh-Gohari N and A. Sayer A. Senior-Loken syndrome secondary to NPHP5/IQCB1 mutation in an Iranian family. NDT Plus. 2011; 4 (6): 421-423.

12- Haghighi A, Verdin A, Haghighi-Kakhki H, Piri N, Saleh-Gohari N, De Baere E. Missense mutation outside the forkhead domain of FOXL2 causes a severe form of BPES type II. Molecular Vision 2012; 18:211-218.

13- Haghighi A, Haghighi A, Setoodeh A, Saleh-Gohari N, Astuti D, Barrett TG.I dentification of homozygous WFS1 mutations (p.Asp211Asn, p.Gln486*) causing severe Wolfram syndrome and first report of male fertility. Eur J Hum Genet. 2013; 21(3):347-51.

14- Haghighi A, Scott CA, Poon DS, Yaghoobi R, Saleh-Gohari N, Plagnol V, Kelsell DP. A missense mutation in the MBTPS2 gene underlies the X-linked form of Olmsted syndrome. J Invest Dermatol. 2013; 133(2):571-3.

15- Saleh-gohari N, Mohammadi-Anaie M, Kalantari-Khandani B. BRCA1 Gene Mutations in Breast Cancer Patients From Kerman Province, Iran. Iran J Cancer 2012; 4: 210-15.

16- Saleh-gohari N, Mohammadi-Anaie M. Co-Inheritance of Sickle Cell Trait and Thalassemia Mutations in South Central Iran. Iranian J Publ

Health. 2012; 41(10): 81-86.

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18- Saleh-gohari N, Mohammadi-Anaie M. Congenital Insensitivity to Pain with Anhidrosis in an Iranian Patient. Basic and clinical NSC 2013; 4 (1): 88-90.

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A novel homozygous frameshift mutation in the *FUCA1* gene causes both severe and mild Fucosidosis. J Clin Pathol. 2018; 205074. [Epub ahead of print].

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28- Nejad RMA, Saeidi K, Gharbi S, Salari Z, Saleh-Gohari N. Quantification of circulating miR-517c-3p and miR-210-3p levels in preeclampsia. Pregnancy Hypertens. 2019 Apr;16:75-78. doi: 10.1016/j.preghy.2019.03.004. Epub 2019 Mar ..11. PMID: 31056162

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myoclonic epilepsy with renal failure. Neurol Sci. 2021 Dec;42(12):5077-5085. doi: 10.1007/s10072-021-05196-0. Epub 2021 Mar 26. PMID: 33772352.

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influence SARS-CoV-2 infection susceptibility. Authorea. July 26, 2023.

RESEARCH AREAS

DNA repair, Alfa and Beta thalassemia

REFEREES

1- Professor Thomas Helleday, Gray Institute for Radiation Oncology and Biology, Old Road Campus Research Building, Off Roosevelt Drive, Oxford, OX3 7DQ
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EXPERIMENTAL SKILS

DNA: DNA Extraction and purification, Southern Blot Analysis, PCR and multiplex and ARMS-PCR, Agarose and Acryl amid Gel Electrophoresis, Cloning/Subcloning, Mutational Analysis by gene targeting.
Tissue Culture Techniques: Cell culture, Transfection, Recombination Assays, FACs Analysis.
RNA: RNA extraction, RT-PCR.
Whole Exom Sequencing interpretation