

# Curriculum Vitae

## Seyed Alireza Dastgheib, MD, MPH, PhD

**Sex:** Male

**Date of Birth:** 7/19/1971

**Place of Birth:** Shiraz, Iran

**Marital Status:** Married, one child

**Languages:** Persian, English

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### **Education:**

**1990-1997:** Medical student, Shiraz University of Medical Sciences (SUMS), Shiraz, Iran.

**2002-2004:** Master of Public Health (MPH), Shiraz University of Medical Sciences (SUMS), Shiraz, Iran.

**2008-2015:** Ph.D. in genetics, The University of Sheffield, Sheffield, UK.

### **Previous Professional Position**

**2018:** Head of the Genetics Department of Shiraz University of Medical Sciences (SUMS)

**2016:** Assistant professor of SUMS

**2015-2018:** Chancellor Advisor of SUMS

**2006-2007:** Chancellor Advisor of SUMS

**2004-2005:** Head of Human Resources for official development SUMS.

**2002-2004:** Head of Marvdasht Health and Treatment Network, Marvdasht, Fars Province, Iran.

**1999-2001:** Head of Marvdasht Health Center, Marvdasht, Fars Province, Iran

**1997-1998:** Head of a rural primary health care center around Shiraz, Shiraz, Iran

## **Awards and Honors:**

**2015:** Awarded for “**Outstanding Activities in startup and improvement of hospitals in Iran**” (by Minister of Health and Medical Education).

**2006:** Awarded for “**Outstanding Activities in Improvement of Health in Iran**” (by President of SUMS).

**2006:** Awarded for implementation of the “**Prevention and Control of Cardiovascular diseases project**” in Marvdasht, Fars province, Iran (by Vice-President for health affairs of SUMS).

**2003:** Awarded for implementation of the “**Prevention and Control of Thalassemia project**” (by Vice-President for health affairs of SUMS).

**2003:** Awarded for implementation of the “**National Measles and Rubella Vaccination project**” in Marvdasht, Fars province, Iran (by Vice-President for health affairs of SUMS).

**2003:** Awarded for implementation of the “**National Integrated Management of Childhood Illness (IMCI) project**” in Marvdasht, Fars province, Iran (by Vice-President for health affairs of SUMS).

**2001:** Awarded for implementation of the “**Integrated Management of Childhood Illness (IMCI) Workshop**” in Marvdasht, Fars province, Iran (by Vice-President for health affairs of SUMS).

**1999:** Awarded as “**Outstanding Physician**” among all physicians practicing in Marvdasht, Fars province, Iran (by Head of Marvdasht Health and Treatment Network, Marvdasht, Fars Province, Iran).

## **Teaching Experience:**

**2015:** Lecturer of genetic courses of SUMS

**2002:** Instructor at the “Health System Research Methodology Workshops (Basic and Advanced Levels)” staff of SUMS, Shiraz, Iran.

## **Certifications and Special Training:**

**2018:** “Scientometrics” held by Vice-Chancellor for Research of SUMS, Shiraz, Iran

**2017:** “Research fellowship program” held by Vice-Chancellor for Research of SUMS, Shiraz, Iran.

**2016:** “Medical Education fellowship program” held by Vice-Chancellor for Education of SUMS, Shiraz, Iran.

**2013:** “Allelic imbalance expression study” conducted by the medical school of Sheffield University.

**2013:** “Primer design and optimization” held by Mellanby center for bone research

**2012:** “ RT-PCR and End-point PCR, held by the medical school of Sheffield University.

**2011:** “Osteoclasts quantification” held by the medical school of Sheffield University.

**2010:** “Hoechst-Phalloidin and TRAcP staining” held by human metabolism department of Sheffield University.

**2009:** “Osteoclast cultures” held by human metabolism department of Sheffield

**2007:** “International computer driving license” organized by Vice-chancellor for Research of SUMS, Shiraz, Iran.

**2005:** “Scientific Writing Workshop” held by Vice-chancellor for Research of SUMS, Shiraz, Iran

**2005:** “Teaching Methodology Workshop” conducted by Vice-Chancellor for Education of SUMS, Shiraz, Iran.

**2005:** “Management in Outpatient Health centers Workshop” led by Vice-Chancellor for Education of SUMS, Shiraz, Iran.

**2005:** “Occupational Medicine Workshop” held by Vice-Chancellor for Education of SUMS, Shiraz, Iran.

**2005:** “Substance Withdrawal Workshop” owned by Vice-Chancellor for Education of SUMS, Shiraz, Iran.

**2001:** “Integrated Management of Childhood Illness (IMCI) Workshop” held by Office of Family and Community Health of Ministry of Health and Medical Education of Iran

**2001:** “Mortality Registration Workshop” organized by Vice-Chancellor for Health of SUMS, Shiraz, Iran.

**2001:** “Workshop for Improvement of Quality of Management” held by Vice-Chancellor for Health of SUMS, Shiraz, Iran.

**2001:** “Health Programs Management Workshop” conducted by the Center of Development of Health Networks of Ministry of Health and Medical Education of Iran

## **Research Projects**

- 1) Prevention and Control of Cardiovascular diseases project, in Marvdasht, Fars province, Iran
- 2) Prevention and Control of Thalassemia project, in Marvdasht, Fars province, Iran
- 3) National Integrated Management of Childhood Illness (IMCI) project, in Marvdasht, Fars province, Iran

## **Thesis:**

- 1- Genetic variation as the determination of osteoporosis in an Iranian cohort. ( Functional and allelic imbalance expression study) (For graduation of Ph.D.)
- 2- A survey on the association of Hypertension with Height, Weight and BMI in Urban and Rural Population in Marvdasht, Iran (For commencement of M.P.H course)
- 3- Risk Factors for esophagogastric and esophagoenteric Anastomotic leakage in patients with esophageal carcinoma (For graduation of M.D)

## **Publication (2019-2020):**

- Association of PAI-1 rs1799889 Polymorphism with Susceptibility to Ischemic Stroke: a Huge Meta-Analysis based on 44 Studies. Acta Medica (Hradec Kralove). 2020;63(1):31-42.
- Association of Endothelial Nitric Oxide Synthase Gene Polymorphisms with Susceptibility to Prostate Cancer: a Comprehensive Systematic Review and Meta-Analysis. Urol J. 2020 May 14.
- Association of Transforming Growth Factor-Beta1 rs1982073 Polymorphism with Susceptibility to Acute Renal Rejection: a Systematic Review and Meta-Analysis.Urol J. 2020 Apr 18.
- Association of NAD (P) H Quinine Oxidoreductase 1 rs1800566 Polymorphism with Bladder and Prostate Cancers - a Systematic Review and Meta-Analysis.Klin Onkol. 2020 Spring;33(2):92-100
- ASSOCIATION OF IL-8 -251T>A (RS4073) POLYMORPHISM WITH SUSCEPTIBILITY TO GASTRIC CANCER: A SYSTEMATIC REVIEW AND META-ANALYSIS BASED ON 33 CASE-CONTROL STUDIES.Arq Gastroenterol. 2020 Jan-Mar;57(1):91-99.
- Vertical Transmission of Coronavirus Disease 19 (COVID-19) from Infected Pregnant Mothers to Neonates: A Review.Fetal Pediatr Pathol. 2020 Apr 2:1-5.

- Association of catechol-O-methyltransferase 472G>A (Val158Met) polymorphism with susceptibility to fibromyalgia syndrome. *J Orthop*. 2020 Jan 13;20:257-260.
- Association of the IL-6 -174G>C (rs1800795) Polymorphism with Adolescent Idiopathic Scoliosis: Evidence from a Case-Control Study and Meta-Analysis. *Rev Bras Ortop (Sao Paulo)*.
- Association of ESR $\alpha$  XbaI A>G, ESR $\alpha$  PvuII T>C and ESR $\beta$  AlwNI T>C Polymorphisms with the Risk of Developing Adolescent Idiopathic Scoliosis: A Systematic Review and Genetic Meta-analysis. *Rev Bras Ortop (Sao Paulo)*. 2020 Feb;55(1):8-16.
- ASSOCIATION OF IL-8 -251T>A (RS4073) POLYMORPHISM WITH SUSCEPTIBILITY TO GASTRIC CANCER: A SYSTEMATIC REVIEW AND META-ANALYSIS BASED ON 33 CASE-CONTROL STUDIES. *Arq Gastroenterol*. 2020 Feb 10.
- Association of interleukine-18 polymorphisms with susceptibility to prostate cancer in Iranian population. *Neoplasma*. 2020 Feb 9. pii: 190616N513. doi: 10.
- Association of IL-6 -174 G>C Polymorphism with Susceptibility to Colorectal Cancer and Gastric Cancer: a Systematic Review and Meta-Analysis. *Acta Medica (Hradec Kralove)*. 2019;62(4):137-146. doi: 10.
- Association of MMP-2, MMP-3, and MMP-9 Polymorphisms with Susceptibility to Recurrent Pregnancy Loss. *Fetal Pediatr Pathol*. 2020 Jan 20:1-9.
- Association of BMP4 rs17563 Polymorphism with Nonsyndromic Cleft Lip with or without Cleft Palate Risk: Literature Review and Comprehensive Meta-Analysis. *Fetal Pediatr Pathol*. 2020 Jan 7:1-15.
- Association of TNF- $\alpha$  rs1800629, CASP3 rs72689236 and FCGR2A rs1801274 Polymorphisms with Susceptibility to Kawasaki Disease: A Comprehensive Meta-Analysis. *Fetal Pediatr Pathol*. 2019 Dec 30:1-17.

- Association of Fetal MTHFR 677C > T Polymorphism with Non-Syndromic Cleft Lip with or without Palate Risk: A Systematic Review and Meta-Analysis. *Fetal Pediatr Pathol.* 2019 Dec 27:1-17.
- An Updated and Comprehensive Meta-Analysis of Association between VEGA -634G > C, -460T > C, +405G > C and +936C > T Polymorphisms and Retinopathy of Prematurity Risk. *Fetal Pediatr Pathol.* 2019 Dec 17:1-17. doi: 10.
- Association of IL-6 -174G > C and -572G > C Polymorphisms with Risk of Legg-Calve-Perthes Disease in Iranian Children. *Fetal Pediatr Pathol.* 2019 Nov 22:1-8.
- Association of IL-6 -176G > C Polymorphism with Susceptibility to Preeclampsia: A Systematic Review and Meta-Analysis. *Fetal Pediatr Pathol.* 2019 Nov 22:1-8.
- Association of Neuregulin 1 rs7835688 G > C, rs16879552 T > C and rs2439302 G > C Polymorphisms with Susceptibility to Non-Syndromic Hirschsprung's Disease. *Fetal Pediatr Pathol.* 2019 Nov 18:1-8. doi: 10.
- Cumulative Evidence for Association between IL-10 Polymorphisms and Kawasaki Disease Susceptibility: A Systematic Review and Meta-Analysis. *Fetal Pediatr Pathol.* 2019 Nov 18:1-13.
- Association of Interleukin-10 -1082G > A Polymorphism with Susceptibility to Preeclampsia: A Systematic Review and Meta-Analysis Based on 21 Studies. *Fetal Pediatr Pathol.* 2019 Nov 6:1-15.
- Association of MTHFR 1298A > C Polymorphism with Susceptibility to Non-Syndromic Cleft Lip with or without Palate: A Case-Control Study and Meta-Analysis. *Fetal Pediatr Pathol.* 2019 Nov 4:1-17.
- Clinical and molecular characterization of three patients with Hepatocerebral form of mitochondrial DNA depletion syndrome: a case series. *BMC Med Genet.* 2019 Oct 29;20(1):167.

- Association of MTHFR 677C>T, 1298A>C and MTR 2756A>G Polymorphisms with Risk of Retinoblastoma. *Klin Onkol.* 2019 Fall;32(5):375-379. doi: 10.
- Association of MTHFR 677C>T and 1298A>C polymorphisms with susceptibility to autism: A systematic review and meta-analysis. *Asian J Psychiatr.* 2019 Dec;46:54-61.
- Association of MTHFR 677C>T and 1298A>C polymorphisms with susceptibility to attention deficit and hyperactivity disorder. *Fetal Pediatr Pathol.* 2019 Oct 1:1-8
- Association of MMP - 2 - 753C>t and M MP - 9 -1562C>t polymorphisms with chronic/aggressive periodontitis risk: A systematic review and meta-analysis. *Iranian Journal of Public Health.*2019.
- Association of Promoter Region Polymorphisms of IL-6 and IL-18 Genes with Risk of Recurrent Pregnancy Loss: A Systematic Review and Meta-Analysis. *Fetal Pediatr Pathol.* 2019 Aug 22:1-14.
- Association of eNOS and ACE Polymorphisms with Retinopathy of Prematurity: A Systematic Review and Meta-Analysis. *Fetal Pediatr Pathol.* 2019 Aug 22:1-12.
- Association of Axis Inhibition Protein 2 Polymorphisms with Non-Syndromic Cleft Lip with or without Cleft Palate in Iranian Children. *Fetal Pediatr Pathol.* 2019 Jul 3:1-9.
- A novel mutation in SEPN1 causing rigid spine muscular dystrophy 1: a Case report. *BMC Med Genet.* 2019 Jan 14;20(1):13.