University of Social Welfare and Rehabilitation Sciences

Ministry of Health and Medical Education

ITA		
Name: Afagh Surname: Alavi	Specialty /Ph.D. Cellular and Molecular Biology	
Title/Degree: Dr./Associate Prof.	Department of: Genetics	

Research Interests:

- Neurodegenerative diseases (Amyotrophic Lateral Sclerosis (ALS), hereditary spastic paraplegia (HSP), Neurodegeneration with brain Iron accumulation (NBIA), Parkinson Disease, Neuropathies, …. and muscular dystrophies).
- Genetic of infertility
- Gene finding approaches (SNP genotyping, whole exome sequencing, ...)
- Human Genetics

Scopus Profile: https://www.scopus.com/authid/detail.uri?origin=resultslist&authorId=19639734300&zone= Google Scholar Profile: https://scholar.google.com/citations?user=gNsa34UAAAAJ&hl=en	Updated: 20 August 2022

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Education

Date	Degree	Duration	Institution	Country/City	Major
2005-2007	MSc.	3 years	University of Tehran	Iran/Tehran	Cellular and Molecular Biology

2008-2013	Ph.D.	5 years	University of Tehran	Iran/Tehran	Cellular and Molecular Biology
2014-2015	Post Doc.	1.5 year	University of Tehran	Iran/Tehran	

Faculty member				
Year	Position	Duration	Institution/Course	Location
2015	Assistant Prof.	6 years	USWR	
2021	Associate Prof.	3 year	USWR	

Field of Specialization

- Human Genetics
- Neurodegenerative Disorders (Neuropathies, amyotrophic lateral sclerosis (ALS), Hereditary spastic paraplegia (HSP), neurodegeneration with brain iron accumulation (NBIA), and ataxia)
- Cellular and Molecular Biology

Language Ability

- English

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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	
2022	PI	Searching for causative genes in five Iranian patients affected to idiopathic calcification of basal ganglia (FAHR) using whole exome sequencing	
2023	PI	Genetic analysis of the second group of Iranian patients affected to idiopathic	

		calcification of basal ganglia (FAHR)	
2023	PI	Searching for the disease-causing variant in a family affected with a type of neurodegenerative disorder with brain iron accumulation, using whole exome sequencing (WES) technique. Genetic Research Center (GRC).	
2023	PI	Identification of causative genes in 10 Iranian families affected to hereditary motor and sensory neuropathy using whole exome sequencing (NMRC)	

Scientific Membership

Year	Association, Society	Location
2016-now	Iranian genetic society	
2020-now	Iranian Neurogenetic society	
2020-now	Neuromuscular Research Center	

Publications

1. Journals

1. **Alavi A**, Elahi E, Tehrani MH, Amoli FA, Javadi MA, Rafati N, Chiani M, Banihosseini SS, Bayat B, Kalhor R, Amini SS. Four mutations (three novels, one founder) in TACSTD2 among Iranian GDLD patients. Invest Ophthalmol Vis Sci. 2007; 48(10):4490-7.

2. **Alavi A**, Elahi E, Amoli FA, Tehrani MH. Exclusion of TACSTD2 in an Iranian GDLD pedigree. Mol Vis. 2007; 13:1441-5.

3. **Alavi A**, Elahi E, Rahmati-Kamel M, Karimian F, Rezaei-Kanavi M. Mutation Screening of TGFBI in Two Iranian Avellino Corneal Dystrophy Pedigrees. Clin Experiment Ophthalmol. 2008; 36(1):26-30.

4. Bayat B, Yazdani SH, **Alavi A**, Chiani M, Chitsazian F, Khoramian Tusi B, Suri F, Narooie-Nejhad M, Sanati MH, Riazzudin S, Elahi E. Contributions of MYOC and CYP1B1 mutations to JOAG. Mol Vis. 2008; 14:508-17.

5. **Alavi A**, Mirshams Shahshahani M, Elahi E. Manifestation of diffuse yellowish keratoderma on the palms and soles in autosomal recessive congenital ichthyosis patients may be indicative of mutations in NIPAL4. J Dermatol. 2012; 39(4):375-81.

6. **Alavi A**, Nafissi S, Rohani M, Zamani B, Sedighi B, Shamshiri H, Fan JB, Ronaghi M, Elahi E. Genetic analysis and SOD1 mutation screening in Iranian amyotrophic lateral sclerosis patients. Neurobiol Aging. 2013; 34(5):1516.e1-8.

7. Ansari Dezfouli M, **Alavi A**, Rohani M, Rezvani M, Nekuie T, Klotzle B, Tonekaboni SH, Shahidi GA, Elahi E (* These two authors contributed equally to this manuscript). PANK2 and C19orf12 mutations are common causes of neurodegeneration with brain iron accumulation. Mov Disord. 2013; 28(2):228-32.

8. Ansari Dezfouli M, Jaberi E, **Alavi A**, Rezvani M, Shahidi GA, Elahi E, Rohani M, Pantothenate kinase 2 mutation with eye-of-the-tiger sign on magnetic resonance imaging in three siblings. Ir J neurol. 2012; 11(4): 1-4.

9. **Alavi A**, Nafissi S, Shamshiri H, Malakooti Nejad M, Elahi E. Identification of mutation in NPC2 by exome sequencing results in diagnosis of Niemann-Pick disease type C. Mol Genet Metab. 2013; 110(1-2): 139–144.

10. **Alavi A**, Nafissi S, Rohani M, Shahidi GA, Zamani B, Shamshiri H, Safari I, Elahi E. Repeat expansion in C9ORF72 is not a major cause of ALS among Iranian patients. Neurobiol Aging. 2014; 35(1): 267.e1e267.e7

11. **Alavi A**, Khani M, Nafissi S, Shamshiri H, Elahi E. An Iranian FALS patient with p.Val48Phe mutation in exon 2 of the SOD1 gene: a clinical and genetic report. The Iranian Journal of Basic Medical Sciences (Iran J Basic Med Sci), Vol. 17, No. 10, Oct 2014

12. **Alavi A**, Shamshiri H, Nafissi S, Khani M, Klotzle B, Fan J, Steemers F, Elahi E. HMSN-P caused by p.Pro285Leu mutation in TFG is not confined to patients with Far East ancestry. Neurobiol Aging. 2015; 36: 1710-1716

13. Khani M, **Alavi A**, Nafissi S, Elahi E. Observation of p.Asn86Ser causing mutation in SOD1 in an Iranian ALS patient and evidencing absence of genotype/phenotype correlation for this mutation. Iran J Neurol 2015; 14(3).

14. Khani M, Shamshiri H, **Alavi A**, Nafissi S, Elahi E. Identification of novel TFG mutation in HMSN-P pedigree: Emphasis on variable clinical presentations. J Neurol Sci. 2016; 369:318-23. doi: 10.1016/j.jns.2016.08.035

15. **Alavi A**, Malakouti Nejad M, Shahidi G, Elahi E. Mutations in C19orf12 and intronic repeat expansions in C9orf72 not observed in Iranian Parkinson's disease patients. Neurobiol Aging. 2017; 54: 214.e11-214.e12. DOI: 10.1016/j.neurobiolaging.2017.03.020.

16. Rohani M, Shahidi G, **Alavi A**, Lang A, Yousefi N, Razme S, Fasano A. Tremor-dominant pantothenate kinase-associated neurodegeneration. Movement Disorders Clinical Practice. 2017;4(5): 772-774. DOI: 10.1002/mdc3.12512.

17. **Alavi A***, Esmaeili S, Nilipour Y, Nafissi S, Tonekaboni SH, Zamani G, Ashrafi MR, Kahrizi K, Najmabadi H, Jazayeri F. LGMD2E is the most common type of sarcoglycanopathies in the Iranian population. J Neurogenet. 2017; 31(3):161-169. DOI: 10.1080/01677063.2017.1346093.

18. Rohani M, Lang AE, Sina F, Elahi E, Fasano A, Hardy J, Bras J, **Alavi A***. Action myoclonus and seizure in Kufor-Rakeb syndrome. Movement Disorders Clinical Practice. 2018; 5(2): 195-199. DOI: 10.1002/mdc3.12570.

19. **Alavi A**, Esmaeili S, Nafissi S, Kahrizi K, Najmabadi H. Genotype and phenotype analysis of 43 Iranian Facioscapulohumeral muscular dystrophy patients; evidence for anticipation. Neuromuscul Disord. 2018 Apr;28(4):303-314. doi: 10.1016/j.nmd.2018.01.001.

20. Nozari A, Aghaei-Moghadam E, Zeinaloo A, Mollazadeh R, Majnoon M, **Alavi A**, Ghasemi Firouzabadi S, Mohammadzadeh A, Banihashemi S, Nikzaban M, Najmabadi H, Behjati F. A novel splicing variant in FLNC gene responsible for a highly penetrant familial dilated cardiomyopathy in an extended Iranian family. Gene 659 (2018) 160–167.

21. Nozari A, Aghaei-Moghadam E, Zeinaloo A, **Alavi A**, Ghasemi Firouzabadi S, Minaee S, Eskandari Hesari M, Behjati F. A Pathogenic Homozygous Mutation in Pleckstrin Homology Domain of RASA1 Gene Responsible for Familial Tricuspid Atresia in an Iranian Consanguineous Family. Cell Journal (Yakhteh) Volume 21, Number 1, Spring 2019 (Apr-Jun), Serial Number: 81.

22. Rohani M, Fasano A, Lang AE, Javanparast L, RahimiBidgoli MM, **Alavi A***. Pantothenate Kinase Associated Neurodegeneration mimicking Tourette Syndrome. Neurol Sci. 2018 Oct;39(10):1797-1800.

23. Khani M; **Alavi A**; Shamshiri H; Zamani B; Hassanpour H; Kazemi MM; Nafissi S; Elahi E. Mutation screening of SLC52A3, C19orf12, and TARDBP in Iranian ALS patients. Neurobiol Aging. 2019 Mar;75:225.e9-225.e14. doi: 10.1016/j.neurobiolaging.2018.11.003.

24. Rohani M, Fasano A, Haji Akhoundi F, Haeri G, Lang AE, RahimiBidgoli MM, Javanparast L, Zamani B, Shahidi G, **Alavi A***. Beta-propeller protein associated neurodegeneration (BPAN); the first report of three patients from Iran with de novo novel mutations. Parkinsonism and Related Disorders. 2018 Nov 13. pii: S1353-8020(18)30496-6. doi: 10.1016/j.parkreldis.2018.11.012.

25. Rahmani B, Fekrmandi F, Ahadi K, Ahadi T, **Alavi A**, Ahmadiani A, Asadi S. A novel nonsense mutation in WNK1/HSN2 associated with sensory neuropathy and limb destruction in four siblings of a large Iranian pedigree. BMC Neurol. 2018 Nov 29;18(1):195. doi: 10.1186/s12883-018-1201-6.

26. Zare-Abdollahi D, Bushehri A, **Alavi A**, Dehghani A, Mousavi-Mirkala M, Effati J, Miratashi SAM, Dehani M, Jamali P, Khorram Khorshid HR. MFSD8 gene mutations; evidence for phenotypic heterogeneity. Ophthalmic Genet. 2019 Apr;40(2):141-145. doi: 10.1080/13816810.2019.

27. Khani M, Taheri H, Shamshiri H, Houlden H, Efthymiou S, **Alavi A**, Nafissi S, Elahi E. Continuum of phenotypes in hereditary motor and sensory neuropathy with proximal predominance and Charcot–Marie–Tooth patients with TFG mutation. Am J Med Genet A. 2019 Aug;179(8):1507-1515. doi: 10.1002/ajmg.a.61184.

28. Khani M, Shamshiri H, Fatehi F, Rohani M, Haghi Ashtiani B, Haji Akhoundi F, **Alavi A**, Moazzeni HR, Taheri H, Tolou Ghani M, Javanparast L, Hashemi SS, Haji Seyed Javadi R, Heidari M, Nafissi S, Elahi E. Problematic differential diagnosis of ARHSP and JALS in some families with SPG11 mutations. Mol Genet Genomic Med. 2020 Jul;8(7):e1240. doi: 10.1002/mgg3.1240.

29. Hajati R, Rahimi Bidgoli MM, Rohani M, **Alavi A***. An Overview of Neurodegeneration with Brain Iron Accumulation (NBIA) syndromes and the disease status in Iranian population. Tehran University Medical Journal. 2020;78(2);58-68.

30. **Alavi A**, Mokhtari M, Hajati R, Davarzani A, Fasano A, Lang AE, Rohani M. Late-Onset Mitochondrial Membrane Protein-Associated Neurodegeneration With Extensive Brain Iron Deposition. Mov Disord Clin Pract. 2019 Nov 30;7(1):120-121. doi: 10.1002/mdc3.12868.

31. Pashaei M, Rahimi Bidgoli MM, Zare-Abdollahi D, Najmabadi H, Haji-Seyed-Javadi R, Fatehi F, **Alavi A*.** The second mutation of SYCE1 gene associated with autosomal recessive non-obstructive azoospermia. J Assist Reprod Genet. 2020 Feb;37(2):451-458. doi: 10.1007/s10815-019-01660-1.

32. **Alavi A**, Darki F, Bidgoli MMR, Zare-Abdollahi D, Moini A, Shahshahani MM, Fischer J, Elahi E. Mutation in ALOX12B likely cause of POI and also ichthyosis in a large Iranian pedigree. Mol Genet Genomics. 2020 Jul;295(4):1039-1053. doi: 10.1007/s00438-020-01663-z.

33. Rahimi Bidgoli MM, Javanparast L, Rohani M, Najmabadi H, Zamani B, **Alavi A***. CAPN1 and hereditary spastic paraplegia: a novel variant in an Iranian family and overview of the genotype-phenotype correlation. Int J Neurosci.

2020 May 13:1-13. doi: 10.1080/00207454.2020.1763344.

34. Bushehri A, Zare-Abdollahi D, **Alavi A**, Dehghani A, Mousavimikala M, Khorram Khorshid HR. Identification of PROS1 as a Novel Candidate Gene for Juvenile Retinitis Pigmentosa. Int J Mol Cell Med. 2019 Summer;8(3):179-190. doi: 10.22088/IJMCM.BUMS.8.3.179.

35. Fattahi M, Bushehri A, **Alavi A**, Asghariazar V, Nozari A, Ghasemi Firouzabadi S, Motamedian Dehkordi P, Javid M, Farajzadeh Valiliou S, Karimian J, Behjati F. Bi-allelic Mutations in ALDH5A1 is associated with succinic semialdehyde dehydrogenase deficiency and severe intellectual disability. Gene. 2020 Jul 1:144918. doi: 10.1016/j.gene.2020.144918.

36. Farajzadeh Valilou S, **Alavi A**, Pashaei M, Ghasemi Firouzabadi S, Shafeghati Y, Nozari A, Hadipour F, Hadipour Z, Maghsoodlou Estrabadi B, Gholamreza Noorazar S, Banihashemi S, Karimian J, Fattahi M, Behjati F. Whole-Exome Sequencing Identifies Three Candidate Homozygous Variants in a Consanguineous Iranian Family with Autism Spectrum Disorder and Skeletal Problems. Mol Syndromol. 2020 Jun;11(2):62-72. doi: 10.1159/000506530. Epub 2020 Mar 11.

37. Haeri G, Akhoundi FH, **Alavi A**, Abdi S, Rohani M. Endocrine Abnormalities in a Case of Neurodegeneration with Brain Iron Accumulation. Mov Disord Clin Pract. 2020 Jun 24;7(6):706-707. doi: 10.1002/mdc3.12990. eCollection 2020 Aug.

38. Kuźma-Kozakiewicz M, Andersen PM, Elahi E, **Alavi A**, Sapp PC, Morita M, Żekanowski C, Berdyński M. Putative founder effect in the Polish, Iranian and United States populations for the L144S SOD1 mutation associated with slowly uniform phenotype of amyotrophic lateral sclerosis.

Amyotroph Lateral Scler Frontotemporal Degener. 2020 Aug 10:1-6. doi: 10.1080/21678421.2020.1803359.

39. Khani M, Taheri H, Shamshiri H, Moazzeni H, Hardy J, Bras JT, InanlooRahatloo K, **Alavi A**, Nafissi S, Elahi E. Deep geno- and phenotyping in two consanguineous families with CMT2 reveals HADHA as an unusual disease-causing gene and an intronic variant in GDAP1 as an unusual mutation. J Neurol. 2021 Feb;268(2):640-650. doi: 10.1007/s00415-020-10171-4.

40. Vafaee-Shahi M, Ghasemi S, Ghahvechi Akbar M, Tahernia L, Davarzani A, Hajati R, Zare-Abdollahi D, **Alavi A***. Giant axonal neuropathy: The first Iranian case with a variation in the gigaxonin gene and a glance to the other cases. Curr J Neurol 2020; 19(4): 200-10.

41. Hashemi SS, Zare-Abdollahi D, Bakhshandeh MK, Vafaee AR, Abolhasani S, InanlooRahatloo K, DanaeeFard F, Farboodi N, Rohani M, **Alavi A***. Clinical Spectrum in Multiple Families with Primary COQ10 Deficiency. Am J Med Genet A. 2021 Feb;185(2):440-452. doi: 10.1002/ajmg.a.61983.

42. Darbari E, Zare-Abdollahi D, **Alavi A**, Rezaei Kanavi M, Feizi S, Hosseini SB, Baradaran-Rafii A, Ahmadieh H, Issazadeh-Navikas S, Elahi E. A mutation in DOP1B identified as a probable cause for autosomal recessive Peters anomaly in a consanguineous family. Mol Vis. 2020 Nov 25;26:757-765. eCollection 2020.

43. Khani M, Shamshiri H, Taheri H, Hardy J, Bras JT, Carmona S, Moazzeni H, **Alavi A**, Heshmati A, Taghizadeh P, Nilipour Y, Ghazanfari T, Shahabi M, Okhovat AA, Rohani M, Valle G, Boostani R, Abdi S, Eshghi S, Nafissi S, Elahi E. BVVL/ FL: features caused by SLC52A3 mutations; WDFY4 and TNFSF13B may be novel causative genes. Neurobiol Aging. 2021 Mar;99:102.e1-102.e10.

44. Haeri G, Hajiakhoundi F, **Alavi A**, Ghiasi M, P. Munhoz R, Rohani M. Congenital ichthyosis in a case of spinocerebellar ataxia type 34; a novel presentation for a known mutation. Mov Disord Clin Pract. 2021 Jan 11;8(2):275-278.

45. Khani M, Shamshiri H, Moazzeni HR, Taheri H, Ahmadieh H, **Alavi A**, Nafissi S, Elahi E. A case of adult onset Sandhoff disease that mimics Brown-Vialetto-Van Laere syndrome. Neuromuscul Disord. 2021 Jun;31(6):528-531.

46. Pashaei M, Davarzani A, Hajati R, Zamani B, Nafissi S, Larti F, Nilipour Y, Rohani M, **Alavi A*.** Description of clinical features and genetic analysis of one ultra-rare (SPG64) and two common forms (SPG5A and SPG15) of hereditary spastic paraplegia families. J Neurogenet. 2021 Mar-Jun;35(2):84-94.

47. Hajati R, Emamikhah M, Danaee Fard F, Rohani M, **Alavi A*.** Neurodegeneration with brain iron accumulation and a brief report of the disease in Iran. Canadian Journal of Neurological Sciences. Can J Neurol Sci. 2021 Jun 4:1-14.

48. Emamikhah M, Aghavali S, Moghadas F, Munhoz RP, Lang AE, **Alavi A**, Rohani M. Spinocerebellar Ataxia 40: Another Etiology Underlying Essential Tremor Syndrome. Mov Disord Clin Pract. 2021 May 25;8(6):944-946.

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10.1093/brain/awab301. Epub ahead of print. PMID: 34515763.

52. Davarzani A, Shahrokhi A, Hashemi SS, Ghasemi A, Habibi Kavashkohei MR, Farboodi N, Lang AE, Ghiasi M, Rohani M, **Alavi A***. The second family affected with a PRDM8-related disease. Neurol Sci. 2022 Jan 16. doi: 10.1007/s10072-021-05815-w.

53. Daneshafrooz N, Joghataei MT, Mehdizadeh M, **Alavi A**, Barati M, Panahi B, Teimourian S, Zamani B. Identification of let-7f and miR-338 as plasma-based biomarkers for sporadic Amyotrophic Lateral Sclerosis using meta-analysis and empirical validation. Scientific Reports. 2022 Jan 26;12(1):1373.

54. Saghi M, InanlooRahatloo K, **Alavi A**, Kahrizi K, Najmabadi H. Intellectual disability associated with craniofacial dysmorphism due to POLR3B mutation and defect in spliceosomal machinery. BMC Med Genomics. 2022 Apr 18;15(1):89. doi: 10.1186/s12920-022-01237-5.

55. Hashemi N, Nejad Shahrokh Abadi R, **Alavi A**, Tavasoli A, Rohani M. A Mild Form of Neurodegeneration with Brain Iron Accumulation attributed to Coenzyme A Synthase Mutation. Movement Disorders Clinical Practice, 2023, 10(2), pp. 331–334.

56. Tabatabaee SN, Effat Nejad S, Nikkhah A, Hashemi N, **Alavi A**, E Lang A, Rohani M, Emamikhah M. Familial Hypermanganesemia in Iran. Mov Disord Clin Pract. 2023.

57. Habibi Kavashkohie MR, DanaeeFard F, Rohani M, **Alavi A*.** RNASEH2B-related neurodegenerative diseases:

the first report of an Iranian case and a systematic review. Pediatric Neurology. Under Revision.

58. Sadr Z, Ghasemi A, Rohani M, **Alavi A*.** NMNAT1 and hereditary spastic paraplegia (HSP): Expanding the phenotypic spectrum of NMNAT1 variants. Neuromuscular Disorders, 2023, 33(4), pp. 295–301.

59. Sadr Z, Zare-Abdollahi D, Rohani M , **Alavi A*.** A founder mutation in COQ7, p.(Leu111Pro), causes pure hereditary spastic paraplegia (HSP) in the Iranian population. Neurological Sciences, 2023.

61. Ghasemi A, Tavasoli AR, Khojasteh M, Rohani M, **Alavi A*.** Description of Phenotypic Heterogeneity in a GJC2-Related Family and Literature Review. Molecular Syndromology. 2023. https://doi.org/10.1159/000529678

60. Asadi-Pooya AA, Simani L, Asadollahi M, Rashidi FS, Ahmadipour E, Alavi A, Roozbeh M, Akbari N, Firouzabadi N. Potential role of FKBP5 single-nucleotide polymorphisms in functional seizures. Epilepsia Open. 2023 Feb 24. doi: 10.1002/epi4.12716.

61. Ghasemi A, Sadr Z, Babanejad M, Rohani M, **Alavi A***. Copy Number Variations in Hereditary Spastic Paraplegia-Related Genes: Evaluation of an Iranian Hereditary Spastic Paraplegia Cohort and Literature Review. Molecular Syndromology, 2023, https://doi.org/10.1159/000531507 .

62. Hashemi N, Abadi RNS, **Alavi A**, Rohani M, Ghasemi A, Tavasoli AR. The first reports of FA2H-associated neurodegeneration from two unrelated Iranian families. Neurol Sci. 2023 Jul 6. doi: 10.1007/s10072-023-06932-4. Epub ahead of print. PMID: 37410270.

63. Eissazadeh N, **Alavi A**, Lang AE, Rohani M, Emamikhah M, Khoeini T A new genetic variant, presenting as young onset rapidly progressive dementia and parkinsonism. Parkinsonism and Related Disorders. https://www.prd-journal.com/article/S1353-8020(23)00928-8/fulltext

64. Sadr Z, Rohani M, Jamali P, **Alavi A***. A case report of concurrent occurrence of two inherited axonopathies within a family: the benefit of whole-exome sequencing. Int J Neurosci, 2023 Sep 15;1-6. doi: 10.1080/00207454.2023.2260091 .

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مقالات فارسی:

۱. رضا حاجتی، محمدمسعود رحیمی بیدگلی، محمد روحانی، **آفاق علوی***. مروری بر سندرمهای " تخریب و تحلیل عصبی همراه با تجمع آهن در مغز" و

وضعیت آن در ایران. نشریه دانشکده پزشکی دانشگاه علوم پزشکی تهران » اردیبهشت ۱۳۹۹ شماره ۲.

۲. آیدا قاسمی، الهه الهی، محمد روحانی، بهرام حقی آشتیانی، **آفاق علوی***. مروری بر بیماری آمیوتروفیک لاترال سکروزیس. Razi J Med Sci . ۲۰۲۳

2. Books

Year	Book title	Publisher	Location
2020	Principals of human and medical genetics	USWR	