Curriculum Vitae
Elahe Elahi

Personal Data:

Birthdate: August 3, 1948
Marital status: Married, two children
Residence: Aghdasieh Ave., 24 Sepand St., Apt. 7
Tehran 19577-56531, Iran.
Phone: 61113351, 09122181251
Email: elaheelahi@ut.ac.ir, elahe.elahi@gmail.com

Employment:

Current: Professor (Retired: October 2018)
University College of Science
Tehran University
Tehran, Iran

Past: Pasteur Institute, Tehran, Iran, Feb 1981-Feb 1985
Associate Director of Rabies Division, Nov 1983-Aug 1984
Director of Immunology Division, Sept 1984-Feb 1985

Postdoctoral Fellow
Dept. of Biochemistry and Biophysics
School of Medicine
University of California, San Francisco, CA
September 1977- November 1979
Supervisor: Dr. H.W. Boyer

Postdoctoral Scholar
Mental Health Research Institute
University of Michigan, Ann Arbor, MI
Feb 1977- Aug 1977
Supervisor: Dr. O.Z. Sellinger

Graduate Student Teaching Fellow
University of Michigan, Ann Arbor, MI
1971- 1976

Research Assistant
Boston Medical School, Boston, MA
June 1970- July 1971

Sabbatical leave: Stanford Genome Technology Center
Stanford University, Palo Alto, CA
Feb 2001- Jan 2002

Leave of absence: Dept. Of Human Genetics
School of Medicine

Yale University
New haven, CT, USA

Education: BA in Biology, University of California, Berkeley, CA 1970
Ph.D. in Biological Sciences, University of Michigan, Ann Arbor, MI
Thesis defended in Nov 1976
Advisor: Professor G.H. Jones

Teaching Experience:

Classical Genetics and Molecular Genetics to undergraduates.
Advanced Molecular Genetics and Molecular Biology related courses to graduate students.

Other:

Chief Editor of Progress in Biological Sciences (Journal published by University of Tehran); 2010-2016

Member of Editorial Board of Journal of Ophthalmic & Vision Research (Published by Shahid Beheshti University)

Member of Editorial Board of Iranian J of Biotechnology (Published by National Institute of Genetic Engineering and Biotechnology)

Honors:

1-Recipient of a Book of the Year (Islamic Republic of Iran) accreditation, year 2007, for translation of Biology, authored by Raven. I was chief organizer of the translation project and one of 10 translators.

2- Recipient of Kharazmi Research Award, Iran, 2010

3- Recipient of The WIPO World Intellectual Property Organization) Award for the Best Woman Inventor for: Genetic Study of Glaucoma and Parkinson's disease in Iran; Tehran/Geneva, Feb 2010

4- Recipient of award from World Association of Industrial and Technological Research Organizations (WAITRO): awarded for the Best Woman Scientist for Innovation; Feb 2010 -

5- Recipient of International Inventor's Association (IFIA) LADY PRIZE, Budapest, Jan 2010 -

6- Recipient of Chair in Research, Iranian National Science Foundation, Oct 2010 -

7- Awarded prize by National Academy of Medical Sciences (فرهنگستان علوم پزشکی) for second best publication in the basic sciences related to the medical sciences in 1390 (Loss of function mutations in the gene encoding latent transforming growth factor Beta binding protein 2, LTBP2, cause primary congenital glaucoma", 2012

8-

- مجری طرح کاربردی نمونه دانشگاه تهران ۱۳۹۳- عنوان طرح: -
خط شناسه گذاارری خانواده های برگزیده از خلیج نایبند

9-

- انتخاب به عنوان استاد محبوب نزد دانشجویان دانشکده زیست شناسی دانشگاه تهران ۱۳۹۴ -

10-

- نشانهای اهدا شده به دانشجویان تحصیلات تکمیلی برای پژوهشهایی که زیر نظر اینجانب به عنوان استاد راهنما انجام شد:
۱۳۸۸ - فاطمه سوری- دانشجو کارشناسی ارشد- به عنوان پزوهشگر برتر جوان دانشگاه تهران انتخاب شد
-
۱۳۸۹ - زینب فضلعی- دانشجو کارشناسی ارشد- به عنوان پزوهشگر برتر جوان دانشگاه تهران انتخاب شد

۱۳۹۰ - مهرناز نارویی نژاد - دانشجو د کتری - به عنوان نویسنده اول مقاله پر ارجاع توسط فرهنگستان عملوم پزشکی انتخاب شد

۱۳۹۴ - آفاق علوی- دانشجو د کتری- به عنوان دانشجو با بهترین رساله دکتری از دانشگاه تهران انتخاب شد

11-

- دریافت کرسی پنج ساله پژوهشی (ژنتیک) از معاونت علمی و پژوهشی ریاست جمهوری ۱۳۹۴

12-

- Recipient of “The Distinguished Investigator Award” from Iranian Genetics Society- 1395

13-

- انتخاب به عنوان استاد پیشکسوت برگزیده دراولین جشنواره ملی و کنگره بین المللی سلولهای بنیادی پزشکی بازساختی- ستاد توسعه علم و فنآوری های سلول های بنیادی- معاونت علمی و فنآوری های بنیادی- ریاست جوهوری- ۱۳۹۵

14-

- در یافت نشان پیشکسوت عرصه بیوانفرماتیک ایران در هفتمین همایش بیوانفورماتیک ایران- ۱۳۹٦

15- در یافت جایزه فرزانه در حوزه علوم زیست پزشکی – وزارت علوم، تحقیقات و فناوری --- معاون ریس جمهور در امور زنان و خانواده. دی ماه ۱۳۹۹

16-

کسب عنوان پژوهشگر پیشکسوت نمونه از ریس دانشگاه تهران در سی امین جشنواره پژوهش و فناوری دانشگاه تهان - ۱٤۰۰

17-

تقدیر در "روز جهانی رنان در در علم" توسط انستیتو پاستور ایران - ۱٤۰۳

Research Grants:

1. Establishment of ELISA for titration of antii-rabies antibody, Pasteur Institute of Iran; completed.
2. Isolation of M-CSF mRNA from human placenta and synthesis of its cDNA,; Tehran University; completed.
3. Determination of frequency of delF508 mutation in Iranian Cystic Fibrosis patients, Tehran University; completed.
4. Molecular epidemiology of HIV-1 in Iran, Tehran University; completed.
5. Expression of alternatively spliced forms of CD44 in individuals Infected with helicobacter pylori, Tehran University;.completed.
6. HCV subtypes in infected Iranians, Iranian Red Crescent Organization; completed.
7. Determination of frequency of N1303K, W1282X mutations in Iranian Cystic Fibrosis patients, Tehran University & NIGEB; completed.
8. Determination of frequency of CYP1B1 mutations in Iranian PCG Patients, NIGEB; completed.
9. Mutation screening of Myocilin gene in Iranian patients affected with Juvenile Open Angle Glaucoma, NIGEB; completed.
10. Mutation screening of Parkin coding gene (*PARK2*) among Iranians afflicted with Parkinson's Disease, Iran National Science Foundation (NISF); completed.
11. Genetic basis of GDLD in Iranian patients, Iranian Molecular Medicine Network; completed.
12. Mutation screening of exon 41 of LRRK2 gene In Iranian Parkinson's disease patients, Center of Excellence in Biomathematics, School of Mathematics, Statistics, and Computer Science, College of Science, University of Tehran; completed.
13. Screening three common mutations in LRRK2 (PARK8) among Iranians affected with Parkinson's disease; Iranian Molecular Medicine Network; completed.
14. Genomewide linkage analysis in pedigree affected with Parkinsonian Pyramidal Syndrome, Center of Excellence in Biomathematics, School of Mathematics, Statistics, and Computer Science, College of Science, University of Tehran; completed.
15. Identification of novel glaucoma causing gene; Iran National Science Foundation (NISF); completed.
16. Effect of downregulation of FOXC1on trascriptome of primary trabecular meshwork cell lines; Ophthalmic Research Center, Shaheed Beheshti University of medical sciences; completed.
17. Effect of downregulation of PITX1 on expression of TGFβ1, TGFβ2, FOXC1, CYP1B1, and MYOC genes in human primary trabecular meshwork cells; Ophthalmic Research Center, Shaheed Beheshti University of medical sciences; completed.
18. Mutation screening of LTBP2 gene in Iranian patients affected with PCG and POAG. Ophthalmic Research Center, Shaheed Beheshti University of Medical Sciences; completed.
19. Mutation screening of LTBP2 gene in sublaxated lens patients. Ophthalmic Research Center, Shaheed Beheshti University of medical sciences; completed.

20. Mutation screening of LTBP2 gene in Iranian patients affected with Exfoliation Syndrome (Pseudoexfololiation and Pseudoexfoliation Glaucoma), Ophthalmic Research CenterHazrat-e Rasool Hospital; completed.
21. Effect of down regulation of transcription factors PITX2 and FOXC1 on transcriptome of human trabecular meshwork primary cell cultures. Iran National Science Foundation (NISF); completed.
22. Linkage analysis in Iranian patients affected with Autosomal Recessive Congenital Ichthyosis (ARCI); Tehran University of Medical Sciences; completed. I was collaborator of Dr. Mostafa Mirshamsi.
23. Mutaion screening of PANK2 in Iranian patients affected with Hallervorden-Spatz syndrome. Tehran University of Medical Sciences; completed. I was collaborator of Dr. Mohammad Rohani,
24. Identification of loci linked to Dystonia in Iranian patients. Tehran University of Medical Sciences; completed. I was collaborator of Dr. Gholamali Shahidi.
25. Linkage analysis in Iranian patients affected with Amyotrophic Lateral Sclerosis (ALS). Iran National Science Foundation (INSF); completed.
26. Screening of repeat expansion C9ORF72 in Iranian patients affected with amyotrophic lateral sclerosis. Tehran University of Medical Sciences; completed. I was collaborator of Dr. Shahriar Nafissi.
27. Mutation screening of LTBP2 in individuals affected with closed angle glaucoma. Ophthalmic Research Center, Shaheed Beheshti University of Medical Sciences; in progress.
28. Investigation of role of LTBP2 in the TGFB2 signaling pathway and in response to oxidative stress. Ophthalmic Research Center, Shaheed Beheshti University of Medical Sciences; in progress.
29. Genetic linkage analysis in Iranian families with coronary artery disease. Iran National Science Foundation (INSF); completed.
30. Search for molecular mechanisms of pathogenesis affected by LTBT2 in glaucoma. Iran National Science Foundation (INSF); completed.
31. Genetic study on using. Ophthalmic Research Center, Shaheed Beheshti University of Medical Sciences; completed. (Dr. Javadi & Dr. Elahi)
32. Pilot study on frequency of CYP1B1 mutations in the population of the province of Gilan. Ophthalmic Research Center, Shaheed Beheshti University of Medical Sciences; completed.
33. Identification of novel causative gene/s of BVVL- University of Tehran School of Medical Sciences- (Dr. Nafisi & Dr. Elahi); completed
34. INSF five year chair for research on genetics of neurofdegenrative diseases (1394- 1399); in progress.

35. Identification of novel causative gene for dystrophy endothelial hereditary Congenital Hereditary Endothelial Dystrophy(ies). NIMAD; proposal # 835049; completed

36. Bioinformatic analysis of 714 SARS-CoV-2 genome sequences of viruses from 46 countries. National InstitutoGenetic Engineering and Biotechnology; completed.

37. Analysis of the haplotypes of SARS-CoV-2 isolates from Iranians infected in three regions of Iran during October 2020 – a pilot study. National InstitutoGenetic Engineering and Biotechnology; completed.

Publications (full manuscripts only)

1. **Elahi E**, Jones GH (1979) Effects of ribosomal wash factors and spermadine on endogenous and exogenous mRNA stimulated protein synthesis in the wheat germ cell free system. Canad J Biochem 57: 429-435.
   1st author; journal no longer published
2. **Elahi E**, Sellinger OZ (1979) The postnatal methylation of transfer ribonucleic acid in brain. Biochem J 177: 381-384.
   1st author; 2014 journal Impact Factor: 4.396
3. Fayaz A, Simani S, **Elahi E**, Nowrouzian I, Khaksar AA (1997) reduced regiment for human pre-exposure immunization against rabies. Iranian Biomedical Journal 1: 61-63.
   2014 journal Impact Factor: 0.000
4. Arvan R, **Elahi E** (1998) Synthesis of human placental cDNA and demonstration of the expression of M-CSF in that tissue, J of Science of Tehran University, 3: 65-81.
   Corresponding author; journal no longer published
5. Kiaii S, **Elahi E**, Nejhad-Moghadam AH (1998) Detection of HIV-1 infection in Iranians by nested-PCR, Iranian J of Infec and Tropical Dis, 2: 51-63.
   Corresponding author; 2014 journal Impact Factor: 0.000
6. Kiaii S, **Elahi E**, Nejhad-Moghadam AH (1998) Identification of HIV-1 subtypes in two Iranian AIDS patients, Iranian J of Infec and Tropical Dis, 3: 23-27.
   Corresponding author; 2014 journal Impact Factor: 0.000
7. Naghizadeh R, **Elahi E** (1998) Determination of frequency of the delta F508 mutation in Iranian cystic fibrosis patients, J of Med Council of Islamic Repub of Iran, 16: 278-286.
   Corresponding author; 2014 journal Impact Factor: 0.000
8. Sedaghat Y, **Elahi E**, Raie M (1999) EBV infection of cancerous esophageal tissue as determined by PCR, Iranian J of Med Sciences, 24: 53-62.
   Corresponding author; 2014 journal Impact Factor: 0.000
9. Ronaghi M, **Elahi E** (2002) Discovery of single nucleotide polymorphisms and mutations by Pyrosequencing, Comparative and Functional Genomics, 3: 51-56.
   2014 journal Impact Factor: 2.032

10. Pourmand N, **Elahi E**, Davis RW, Ronaghi M (2002) Multiplex Pyrosequencing, Nuc Acids Res, 30: 7e31.
    Shared 1st authorship; 2014 journal Impact Factor: 9.112

11. Ronaghi M, **Elahi E** (2002) Pyrosequening for microbial typing, J of Chromatography B, 782: 67-72.
    2014 journal Impact Factor: 2.729
12. **Elahi E**, Pourmand N, Cheung R, Rofoogaran J, Boisvert K, Samimi- Rad K, Davis RW, Ronaghi M (2003) Determination of hepatitis C virus genotype by Pyrosequencing , J Virol Methods, 109: 171-176.
    1st author; 2014 journal Impact Factor: 1.781
13. Reihani-Sabet F, Eskandarpour M, Khanipour-Roshan M, **Elahi E** (2003) Effects of inflammation on expression of CD-44 variant exons in gastric tissue, J of Sciences of the Islamic Repub of Iran, 14: 11-16.
    Corresponding author; journal no longer published
14. Salehzadeh F, Jahanzad I, **Elahi E** (2003) Lack of association between EBV DNA and squamous cell carcinoma in Iranian patients, Iranian Int J Sci. 4:137-149.
    Corresponding author; journal no longer published
15. Samimi-Rad K, **Elahi E**, et al.(2004) HCV subtype classification based on phylogenetic analysis of NS5B, core and 5'NCR regions of viral genome, Ir J Infec &Trop Dis, 8: 26-30.
    Corresponding author; 2014 journal Impact Factor: 0.000
16. Hosseini SJ, **Elahi E**, Raie M (2004) The chromosome number of the Persian Guf shrimp *Penaeus semisulcatus*, Iranian Int J Sci, 5:13-23.
    Corresponding author; journal no longer published
17. **Elahi E**, Felfeli E, Soleimani F, Jahanzad I, Mahmoodi M, Hazrati M, (2005) Expression of four CD44 isoforms (CD44s, V3, V6, V7) in cancer of the esophagus, Tehran U J Science.
    1st author; corresponding author; journal no longer published
18. **Elahi E**, Kumm J, Ronaghi M, (2004) Global genetic analysis, J Biochem Mol Biol, 37: 11-27.
    1st author; 2014 journal Impact Factor: 2.021
19. **E. Elahi**, B. Alinasab, I. Kupershmidt, A. Khodadad, M. Amini, M. Esmaiili, A. Jaroolahi, F. Ghassemi, M. Sanati, M. Houshmand, R.W. Davis, M. Ronaghi, Y.R. Thorstenson. (2006) A Haplotype Framework for Cystic Fibrosis Mutations in Iran, J Molec Diagnosis, 8: 119-127.
    1st author; 2014 journal Impact Factor: 3.955
20. Nowzari A, **Elahi E**, Ahrabian M (2006) A new DNA implementation of finite state machines, Intl J Computer Sc, 3: 51-60.
    2014 journal Impact Factor: 0.000
21. **Elahe Elahi**, Reza Kalhor, Setareh Sadat Banihosseini, Noorossadat Torabi, Hamid Pour-Jafari, Massoud Houshmand, Seyed Saeid Hosseini (2006), Homozygous missense mutation in fibulin-5 in an Iranian autosomal recessive cutis laxa pedigree and associated haplotype, J Invest. Dermat, 126: 1506-1509.

1st author; corresponding author; 2014 journal Impact Factor: 7.216

22. **Elahe Elahi**, Sare Assadi, Farnaz Absalan et al. (2007) Intragenic SNP haplotypes associated with 84dup18 mutation in *TNFRSF11A* in four FEO pedigrees suggest three independent origins for this mutation, J Bone Mineral Metab 25, 159-164.
    1st author; corresponding author; 2014 journal Impact Factor: 2.460
23. Chitsazian F, Khoramian-Tusi B, **Elahi E** et al. (2007) CYP1B1 mutation profile among Iranian PCG patients and associated haplotypes, J Molec Diagnosis, 9. 382-393.
    Corresponding author; 2014 journal Impact Factor: 3.955
24. Alavi A, **Elahi E**, Amoli FA, Tehrani MH, Javadi MA, Rafati N, Chiani M, Banihosseini SS, Bayat B, Kalhor R, Amini SS (2007) Four mutations (three novel, one founder) in TACSTD2 among Iranian GDLD patients. Invest Ophthalmol Vis Sci 48: 4490-4497.
    Corresponding author; 2014 journal Impact Factor: 3.404
25. Afagh Alavi, **Elahe Elahi**, Fahimeh Asadi Amoli, Mehdi Hosseini Tehrani (2007) Exclusion of TACSTD2 in an Iranian GDLD Pedigree. Mol Vis, 13: 1441-1445**.**
    Corresponding author; 2014 journal Impact Factor: 1.986
26. Dastgheib SMM, Amoozegr MA, **Elahi E**, Asad S, Banat IM (2007) Bioemulsifier production by a halothermophilic Bacillus strain with potential applications in microbially enhanced oil recovery. Biotechnol Lett; 30: 263-270.
    2014 journal Impact Factor: 1.591
27. Alavi A, **Elahi E**, Rahmati-Kamel M, Karimian F, Rezaei-Kanavi M (2008) Mutation Screening of *TGF β I* in Two Iranian Avellino Corneal Dystrophy Pedigrees. Clinical and Experimental Ophthalmology, 36: 26-30.
    Corresponding author; 2014 journal Impact Factor: 2.347
28. Bayat B, Yazdani S, Alavi, A, Chiani M, Chitsazian F, Khoramian Tusi B, Suri F, Narooie-Nejhad M, Sanati MH, **Elahi E** (2008) Contributions of *MYOC* and *CYP1B1* mutations to JOAG. Molecular Vision, 13: 508- 517.
    Corresponding author; 2014 journal Impact Factor: 1.986
29. Shojaee S, Sina F, Banihosseini S, Kazemi MH, Kalhor R, Shahidi GA, Fakhrai-Rad H, Ronaghi M, **Elahi E** (2008) Genome-wide Linkage Analysis of a Parkinsonian-Pyramidal Syndrome Pedigree by 500 K SNP Arrays, Am J Hum Genet, 82: 1375-1
    Corresponding author; 2014 journal Impact Factor: 10.931
30. Suri F, Kalhor R, Zargar SJ, Nilforooshan N, Yazdani S, Nezari H, **Elahi E** (2008) Screening of Common *CYP1B1* Mutations in POAG Patients using a Microarray-based PrASE Protocol. Molecular Vision 14: 2349-2356.
    Corresponding author; 2014 journal Impact Factor: 1.986
31. Sina F, Shojaee S, **Elahi E**, Paisan-Ruiz C (2009) R632W mutation in PLA2G6 segregates with Dystonia-Parkinsonism in a consanguineous

Iranian family. Eur J Neurol. 16:101-4.
2014 journal Impact Factor: 4.055

32. Suri F, Chitsazian F, Khoramian Tusi B, Amini Saroei H, Yazdani S, Nilforooshan N, Zargar SJ, **Elahi E** (2009) Sex bias in PCG only in cohort without *CYP1B1* mutations. J Ophthalmolic Vision & Research, 4:75-78.
Corresponding author; 2014 journal Impact Factor: 0.000
33. Shojaee S, Sina F, Farboodi N, Fazlali Z, FGhazavi F, Ghorashi SA, Parsa K, Sadegjhi H, Shahidi GA, Ronaghi M, **Elahi E** (2009)A clinic based mutation screening of mutations in exons 31, 34, 35, 41 and 48 of LRRK2 in Iranian Parkinson's disease patients. Movement Disorders 24: 1023-1027.
Corresponding author; 2014 journal Impact Factor: 5.680
34. Suri F, …, **Elahi E** (2009) Variable Expressivity and High Penetrance of CYP1B1 Mutations with respect to Glaucoma. Ophthalmology. 116:2101-2109.
Corresponding author; 2014 journal Impact Factor: 6.1
35. Narooie-Nejad M,… **Elahe Elahi**, Coro Paisan-Ruiz (2009) Loss of Function Mutations in the Gene Encoding Latent Transforming Growth Factor Beta Binding Protein *2, LTBP2,* Cause Primary Congenital Glaucoma. Human Molecular Genetics, **18**:3969-3977.
Joint corresponding author; 2014 journal Impact Factor: 6.393
36. Katanforoush A, Sadeghi M, Pezeshk H, **Elahi E** (2009) Global haplotype partitioning for maximal associated SNP pairs. BMC Bioinformatics 10(1):269.
2014 journal Impact Factor: 2.576
37. Shojaee S, Fazlali Z, Ghazavi F, Banihosseini S, Kazemi MH, Parsa K, Sadeghi H, Sina F, Shahidi GA, Ronaghi M, **Elahi E** (2009) Identification of four novel potentially Parkinson's disease associated *LRRK2* variations among Iranian patients (2009). Neuroscience Letters, 467: 53.
Corresponding author; 2014 journal Impact Factor: 2.030
38. Razaghi Moghadam Kashani Z, Ahrabian H, **Elahi E**, Nowzari-Dalini, Saberi Ansari E, Asadi S, Mohammadi S, Schreiber F, Masoudi-Nejad A (2009) Kavosh: a new algorithm for finding network motifs. BMC Bioinformatics 10:318.
2014 journal Impact Factor: 2.576
39. Narooie-Nejad M, Chitsazian F, Khoramian Tusi B, Mousavi F, Houshmand M, Rohani MR, Hosseinipour AS, Rismanchian A, **Elahi E** (2009) Genotyping results of Iranian PCG families suggests one or more PCG locus other than GCL3A, GCL3B, and GCL3C exist. Molecular Vision, 15: 2155-2161.
Corresponding author; 2014 journal Impact Factor: 1.986
40. **Elahe E,** Narooie-Nejhad M, Suri F, Yazdani S (2010) MYOC is not a major cause of PCG among Iranian patients, Journal of Ophthalmic and Vision Research, 5:101.

1st author; corresponding author; 2014 journal Impact Factor: 0.000

41. Roghani M, Mahboudi F, Saharian MA, Etemadifar M, Naji Esfahani A, Nahrevanian H, **Elahi E** (2010) Concentrations of nitric oxide metabolites in the serum of Iranian multiple sclerosis patients. Journal of the Neurological Sciences, 294: 92-94.

Corresponding author; 2014 journal Impact Factor: 2.474

42. Paisán-Ruiz C, Guevara R, Federoff M, Hanagasi H, Sina F, **Elahe E**, Schneider SA, Schwingenschuh P, Bajaj, N, Emre M, Singleton AB, Hardy J, Bhatia KP, Brandner S, Lees AJ, Houlden H (2010) Early-onset L-dopa-responsive parkinsonism with pyramidal signs due to ATP13A2, PLA2G6, FBXO7 and Spatacsin mutations . Movement Disorders, 25: 1791–1800.

2014 journal Impact Factor: 5.680

43. Mirshamsi O, Sari A, **Elahi E**, Hosseinie S (2010) Phylogenetic relationships of *Mesobuthus eupeus* (C.L. Koch, 1839) inferred from *COI* sequences (Scorpions: Buthidae), J of Natural History, 44: 2851-2872

2014 journal Impact Factor: 0.881

44. Ghazavi F**,** Fazlali Z, Banihosseini S, Hosseini SR, Kazemi MH, Shojaee S, Parsa K, Sadeghi H, Sina F, Rohani M, Shahidi GA, Ghaemi N, Ronaghi M, **Elahi E** (2010) PRKN, DJ-1, and PINK1 screening identifies novel splice site mutation in PRKN and two novel DJ-1 mutations. Movement Disorders, 26: 80-89.

Corresponding author; 2014 journal Impact Factor: 5.680

45. Asgharian H, Hosseinzadeh Sahaf H, Ardalan AA, Shekarriz S, **Elahi E** (2011) Cytochrome c oxidase subunit 1 barcode data of fish of the Nayband national Park in the Persian Gulf and analysis using meta-data falg several cryptic species. Molecular Ecology Resources, 11: 461-472.

Corresponding author; 2014 journal Impact Factor: 3.712

46. Paylakhi SH, Fan J-B, Mehrabian M, Sadeghizadeh M , Yazdani S, Katanforoush A, Rezaei Kanavi M , Ronaghi M, **Elahi E** (2011) Effect of *PITX2* knockdown on transcriptome of human trabecular meshwork primary cell cultures. Molecular Vision, 17: 1209-1221.

Corresponding author; 2014 journal Impact Factor: 1.986

47. Asgharian H, **Elahi E**, Kalirad A, Hosseinzadeh Sahaf H (2011) Sequence data on four genes suggest nominal *Gerres filamentosus* specimens from Nayband National Park in the Persian Gulf represent two distinct species. Iranian J of Animal Biosystematics, 6 (No. 2):1-11.

Corresponding author; 2014 journal Impact Factor: 0.000

48. Mirshamsi O, Sari A, **Elahi E**, Hosseinie S (2011) *Mesobuthus eupeus* (Scorpiones: Buthidae) from Iran: A polytypic species complex**.** Zootaxa 2929: 1–21.

2014 journal Impact Factor: 0.906

49. Alavi A, Shashahani M, Klotzle B, Fan J-B, Ronaghi M, **Elahi E** (2011) Manifestation of diffuse yellowish keratoderma on the palms and soles in autosomal recessive congenital ichthyosis patients may be indicative of mutations in NIPAL4. Journal of Dermatology 38:1-7.

Corresponding author; 2014 journal Impact Factor: 2.252

50. Kabiri M, Soleimani M, Shabani I, Futrega K, Ghaemi N, Hanaee Ahvaz H, **Elahi E**, Doran MR (2012) Neural differentiation of mouse embryonic stem cells on conductive nanofiber scaffolds. Biotechnol Lett 34:1357–1365 ST6GALNA5 identified in family with coronary artery disease ST6GALNA5 identified in family with coronary artery disease

Corresponding author; 2014 journal Impact Factor: 1.591

51. Paylakhi SH, Yazdani S, April C, Fan JB, Moazzeni H, Ronaghi M, **Elahi E** (2012) Non-housekeeping genes expressed in human trabecular meshwork cell cultures. Molecular Vision, 18: 241-254.

Corresponding author; 2014 journal Impact Factor: 1.986

52. Roghani M, Mahboudi F, Sahraian MA, Etemadifar M, **Elahi E** (2012) Preliminary data suggest possible association between IL-32 expression level and time of MS attack. Progress in Biological Sciences, 1 (No. 2): 44-49.

Corresponding author; 2014 journal Impact Factor: 0.000

53. Haji-Seyed-Javadi R, Jelodari-Mamaghani S, Paylakhi SH, Yazdani S, Nilforushan N, Fan JB, Klotzle B, Mahmoudi MJ, Ebrahimian MJ, Chelich N, Taghiabadi E, Kamyab K, Boileau C, Paisan-Ruiz C, Ronaghi M, **Elahi E** (2012) LTBP2 mutations cause Weill-Marchesani and Weill-Marchesani-like syndrome and affect disruptions in the extracellular matrix. Human Mutation, 33: 1182-1187.

Corresponding author; 2014 journal Impact Factor: 5.144

54. Ansari Dezfouli M, Yadegari S, Nafissi S, **Elahi E** (2012) Four novel C20orf54 mutations identified in Brown–Vialetto–Van Laere syndrome patients. J Hu Genetics, 57: 613-617.

Corresponding author; 2014 journal Impact Factor: 2.462

55. Malakouti Nejad M, Hashemi M, Shahidi GR, **Elahi E** (2012) Linkage of Parkinson's disease in two very early onset siblings to a locus on chromosome 1. Progress in Biological Sciences 2:23-29.

Corresponding author; 2014 journal Impact Factor: 0.000

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

2014 journal Impact Factor: 0.000

57. Salehghamari E , Hamedi J, **Elahi E**, Sepehrizadeh Z, Sadeghi M, Muth G (2012) Prediction of the *pho* regulon in *Streptomyces clavuligerus* DSM 738. New Microbiologica, 35: 447-457.

2014 journal Impact Factor: 1.784

58. Alavi A, Nafissi S, Roohani M, Zamani B, Sedighi B, Shamshiri H, Jian- Bing Fan J-B, Ronaghi, M, **Elahi E** (2013) Genetic analysis and SOD1 mutation screening in Iranian amyotrophic lateral sclerosis patients. Neurobiology of Aging, 34(5):1516.e1-8.

Corresponding author; 2014 journal Impact Factor: 5.013

59. Ansari Dezfouli M, Alavi A, Rohan Mi, Rezvani M, Nekuie T, Klotzle B, Tonekaboni , Shahidi GA, **Elahi E** (2013) PANK2 and C19orf12 MutationsAre Common Causes of Neurodegeneration with Brain Iron Accumulation. Mov Disorders 28: 228–231.

Corresponding author; 2014 journal Impact Factor: 5.680

60. Mohammadian A, Mowla SJ, **Elahi E**,Tavallaei M, Nourani MR,Liang Y (2013) Normalization of miRNA qPCR high-throughput data: a comparison of methods. Biotechnol Lett 35: 843-851.

2014 journal Impact Factor: 1.591

61. Fawsett K, Mehrabian M , Liu YS, Hamed S, **Elahi E** et al. (2013) The frequency of spinocerebellar ataxia type 23 in a UK population. J Neurol 260: 856-859. **Erratum**: J Neurol (2013) 260: 860

2014 journal Impact Factor: 3.377

62. Jelodari-Mamaghani S, Haji-Seyed-Javadi R, Suri F, Nilforushan N, Yazdani S, Kamyab K, **Elahi E**. (2013) Contribution of the latent transforming growth factor-beta binding protein 2 gene to etiology of primary open angle glaucoma and pseudoexfoliatiion syndrome. (2013) Molecular Vision, 19: 333-347.

Corresponding author; 2014 journal Impact Factor: 1.986

63. Jaberi E, Chitsazian F, Shahidi GA, Rohani M, Klotzle B, **Elahi E** (2013) The novel mutation p.Asp251Asn in the β subunit of succinateCoA ligase causes encephalomyopathy and elevated succinyl carnitine. J Human Genetics, 58: 526-530.

Corresponding author; 2014 journal Impact Factor: 2.462

64. Paylakhi SH, Moazzeni H, Yazdani S, Rassouli P, Arefian E, Jaberi E, Heidari Arash E, Sedighi Gilani A, Suri F, Fan JB, April C, Amin S, **Elahi E**. (2013) FOXC1 in human trabecular meshwork cells is involved in regulatory pathway that includes miR-204, MEIS2, and ITGβ1. Experimental Eye Research 111: 112–121.

Corresponding author; 2014 journal Impact Factor: 2.709

65. Inanloo Rahatloo K, Davaran S, **Elahi E** (2013) Lack of Association between the MEF2A Gene and Coronary Artery Disease in Iranian Families. Iran J Basic Med Sci. 16:950-4.

Corresponding author; 2014 journal Impact Factor: 1.228

66. Alavi A, Nafissi A, Shamshiri H, Malakooti Nejad M, **Elahi E** (2013) Identification of mutation in NPC2 by exome sequencing results in diagnosis of Niemann–Pick disease type C. Molecular Genetics and Metabolism 110: 139–144.

Corresponding author; 2014 journal Impact Factor: 2.625

67. Alavi A, Nafissi S, Rohani M, Shahidi GA, Zamani B, Shamshiri H, Safari I, **Elahi E** (2014) Repeat expansion in C9ORF72 is not a major cause of amyotrophic lateral sclerosis among Iranian patients. Neurobiol Aging. 35(1):267.e1-7.

Corresponding author; 2014 journal Impact Factor: 5.013

68. Inanloorahatloo K, Zand Parsa AF, Huse K, Rasooli P, Davaran S, Platzer M, Fan JB, Amini S, Steemers F, **Elahi E** (2013) Mutation in CYP27A1 identified in family with coronary artery disease. Eur J Med Genet. 56: 655-660.

Corresponding author; 2014 journal Impact Factor: 1.466

69. InanlooRahatloo K, Zand Parsa AF, Huse K, Paniz Rasooli1, Saeid Davaran S, Platzer M, Kramer M, Fan JB, Turk C, Amini S, Steemers F,Gunderson K, RonaghiM, **Elahi E** (2014) Mutation in ST6GALNA5 identified in family with coronary artery disease. Scientific Reports 14:28:48.

Corresponding author; 2014 journal Impact Factor: 5.578

70. Malakouti-Nejada M, Shahidi GA, Rohani M, Shojaee SM, Hashemi M, Klotzle B, Fan JB**, Elahi E** (2014) Identification of p.Gln858* in ATP13A2 in two EOPD patients and presentation of their clinical features. Neuroscience Letters 577: 106–111

Corresponding author; 2014 journal Impact Factor: 2.030

71. Alavi A, Nafissi S, Shamshiri H, **Elahi E** (2014) An Iranian FALS pedigree with p.Val48Phe causing mutation in SOD1: a genetic and clinical report. Iranian J of Basic Medical Sciences 17: 735-739

Corresponding author; 2014 journal Impact Factor: 1.288

72. Suri F, Narooie-Nejad M, Safari I, Moazzeni H, Rohani MR, Khajeh A, Klotzle B, Fan JB, **Elahi E** (2014) Diagnosis of cystathionine beta-synthase deficiency by genetic analysis. Journal of the Neurological Sciences 347: 305–309

Corresponding author; 2014 journal Impact Factor: 2.474

73. Alavi A, Shamshir H, Nafissi S, Khani M, Klotzle B, Fan JB, Steemers F, **Elahi E** (2015) HMSN-P caused by p.Pro285Leu mutation in TFG is not confined to patients with Far East ancestry. Neurobiology of Aging, 36(3):1606.e1-7

Corresponding author; 2014 journal Impact Factor: 5.013

74. Khani, M, Alavi A, Nafissi S, **Elahi E** (2015) Observation of c.260A>G mutation in SOD1 that causes p.Asn86Ser in Iranian ALS patient and absence of genotype/phenotype correlation. Iranian Journal of Neurology, 14: 152-157.

Corresponding author; 2014 journal Impact Factor: 0.000

75. Banaei-Esfahani A, Moazzeni H, Naseri Nosar P, Amin S, Arefian E, Soleimani M, Yazdani S, **Elahe E** (2015) Micro-RNAs that target RGS5. Iran J Basic Med Sci 2015; 18:108-114.

Corresponding author; 2014 journal Impact Factor: 1.228

76. Suri F, Yazdani S, **Elahi E** (2015) Glaucoma in Iran and contributions of studies in Iran to the understanding of the etiology of glaucoma. Journal of Ophthalmic & Vision Research, 10: 68-76.

Joint corresponding author; 2014 journal Impact Factor: 0.000

77. Safari I, Akbarian S,Yazdani S, **Elahi E** (2015) A possible role for LTBP2 in the etiology of primary angle closure glaucoma. Journal of Ophthalmic & Vision Research, 10: 123-129.

Corresponding author; 2014 journal Impact Factor: 0.000

78. Yazdani S, Miraftabi A, Pakravan M, Ghahari E, Khoramian Tousi B, Sedigh M, Yaseri M, **Elahi E** (2016) Phenotype and Genotype Correlation in Iranian Primary Congenital Glaucoma Patients. Journal of Glaucoma, 25:33-8. (doi: 10.1097/IJG.0000000000000206)

2014 journal Impact Factor: 2.106

79. Farzadfard A, Nassiri N, Nekuie Moghadam T, Paylakhi H, **Elahi E** (2016) Mutation Screening of MIR184 in Iranian Keratoconus Patients. Journal of Ophthalmic & Vision Research. 11: 3–7.

Corresponding author; 2014 journal Impact Factor: 0.000

80. Jaberi E, Rohani M, Shahidi GA, Nafissi S, Arefian E, Soleimani M, Rasooli P, Ahmadieh H, Daftarian N, KaramiNejadRanjbar M, Klotzle B, Fan J-B, Turk C, Steemers F, **Elahi E** (2016) Identification of mutation in GTPBP2 in patients of a family with neurodegeneration accompanied by iron deposition in the brain. Neurobiology of Aging, 216.e11e216.e18 (doi:10.1016/j.neurobiolaging.2015.10.034)

Corresponding author; 2014/2015 journal Impact Factor: 5.013

81. Suri F, Safari I, Haji-Seyed-Javadi R, Yazdani S, **Elahi E** (2016) The p.Gly61Glu mutation in CYP1B1 affects the extracellular matrix in p.Gly61Glu mutation in CYP1B1 affects the extracellular matrix in glaucoma patients. Ophthalmic Research, 56:98-103 (DOI:10.1159/000443508)

Corresponding author; 2014/2015 journal Impact Factor: 1.422

82. Jaberi E, Rohani M, Shahidi GA, Nafissi S, Arefian E, Soleimani M, Moghadam A, Karimi Arzenani M, Keramatian F, Klotzle B, Fan JB, Turk C, Steemers F, **Elahi E** (2016) Mutation in ADORA1 identified as likely cause of early-onset parkinsonism and cognitive dysfunction. Movement Disorders, 31: 1004-1011 (DOI: 10.1002/mds.26627)

Corresponding author; 2015 journal Impact Factor: 6.01

83. Khani M, Shamshiri H, Alavi A, Nafissi S, **Elahi E** (2016) Identification of novel TFG mutation in HMSN-P pedigree: Emphasis on variable clinical presentations. Journal of the Neurological Sciences 369: 318–323

Corresponding author; 2015 journal Impact Factor: 2.126

84. Moazzeni H, Akbari MT, Yazdani S, **Elahi E** (2016) Expression of CXCL6 and BBS5 that may be glaucoma relevant genes is regulated by PITX2. Gene, 593:76-83 (doi: 10.1016/j.gene.2016.08.019)

Corresponding author; 2015 journal Impact Factor: 2.319

85. Chitsazian F, Sadeghi M, **Elahi E** (2017) Confident gene activity prediction based on single histone modification H2BK5ac in human cell lines**.** BMC Bioinformatics 18:67

Corresponding author; 2016 journal Impact Factor: 2.44

86. Alavi A, Malakouti Nejad M, Shahidi G, **Elahi E** (2017) Mutations in *C19orf12* and intronic repeat expansions in *C9orf72* not observed in Iranian Parkinson's disease patients. Neurobiology of Aging 54:214e11 (http://dx.doi.org/10.1016/j.neurobiolaging.2017.03.020)

Corresponding author; 2016 journal Impact Factor: ٥,١٥٣

87. Ghorbanpour E, Pasalar P, Yazdani S, Moazenni H, **Elahi E** (2017) FMN2 with functions related to the cytoskeleton is partially regulated by PITX2. J Ophthalmic Vis Res 12 (4): 407‑12

Corresponding author; 2016 journal Impact Factor: 0.000

89. Elahi E (2017) PTRHD1 and possibly ADORA1 mutations contribute to Parkinsonism with intellectual disability. Movement Disorders 33(1):174

Author of Letter; 2016 journal Impact Factor: 7.072

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

2016 journal Impact Factor: 0.00

91. Suri F, Yazdani S, **Elahi E** (2018) LTBP2 knockdown and oxidative stress affect glaucoma features including TGFβ pathways, ECM genes expression and apoptosis in trabecular meshwork cells. Gene 673, 70-81

Corresponding author; 2017 journal Impact Factor: ٢,٤٩٨

92. Qashqai M, Suri F, Yaseri M, **Elahi E** (2018) P.Gly61Glu and p.Arg368His Mutations in CYP1B1 that Cause Congenital Glaucoma May be Relatively Frequent in Certain Regions of Gilan Province, Iran. J Ophthalmic Vis Res 13: 403-410
Corresponding author; 2016 journal Impact Factor: 0.000

93. Suri1 F, Yazdani S, Chapi M, Safari I, Rasooli P, Daftarian N, Jafarinasab MR, Firouzabadi SJ, Alehabib E, Darvish H, Klotzle B, Fan JB, Turk C, **Elahi E** (2018) COL18A1 is a candidate eye iridocorneal angle-closure gene in humans. Human Molecular Genetics 21 3772–3786
Corresponding author; 2018 journal Impact Factor: 4.9

94. Khani M, Alavi A, Shamshiri H, Zamani B, Hassanpour H, Nafissi S, **Elahi E** (2019) Mutation screening of SLC52A3, C19orf12, and TARDBP in Iranian ALS patients. Neurobiology of Aging, 75:225.e9- 225.e14.
Co-corresponding author; 2017/2018 journal impact factor: 4.454
.

95. Darki F, Fekri S, Farhangmehr S, Ahmadieh H, Dehghan MH, **Elahi E** (2019) CYP4V2 mutation screening in an Iranian Bietti crystalline dystrophy pedigree and evidence for clustering of CYP4V2 mutations. Journal of Current Ophthalmology 31: 172-179 (doi.org/10.1016/j.joco.2019.01.007)
2016 journal Impact Factor: 0.38

96. Moazzeni H, Javadi MA, Asgari D, Khani M, Emami M, Moghadam A, Panahi-Bazaz MR, Hosseini Tehrani M, Karimian F, Hosseini B, Nekuie Moghadam T, Hassanpour H, Akbari MT, **Elahi E** (2020) Observation of nine previously reported and 10 non-reported*SLC4A11* mutations among 20 Iranian CHED probands and identification of an *MPDZ* mutation as possible cause of CHED and FECD in one family. Br J Ophthalmol 104:1621-1628. doi: 10.1136/bjophthalmol-2019-314377. Epub 2019 Aug 16. **Corresponding author; 2018/2019 journal Impact Factor: 3.6; Q1**

97. Moazzeni H, Mirrahimi M, Moghadam H, Banaei-Esfahani A, Yazdani S, **Elahi E** (2019) Identification of genes involved in glaucoma pathogenesis using combined network analysis and empirical studies. Human Molecular Genetics 2019 Human Molecular Genetics 28: 3637–3663.
Corresponding Author; 2019 Imapct Factor: 5.10; Q1

98. Elahi E (2020) Genetic Basis of Primary Angle Closure Glaucoma: The Role of Collagens and Extracellular Matrix. J Ophthalmic Vis Res 15: 1-3
Editorial, Journal Impact Factor: 0.000

99. Alavi A, Darki F, Rahimi Bidgoli MM, Zare-Abdollahi D, Moini A, · Shahshahani MM, Fischer J, **Elahi E** (2020) Mutation in *ALOX12B* likely cause of POI and also ichthyosis in a large Iranian pedigree. Molecular Genetics and Genomics, **295**, 1039–1053. https://doi.org/10.1007/s00438-020-01663-z
Corresponding Author; 2019 Imapct Factor: 2.879; Q1

100. Khani M, Shamshiri H, Fatehi F, Rohani M, Alavi A, Taheri H, Tolou Ghani M, Javanparast L, Nafissi S, **Elahi E** (2020) Description of combined ARHSP/JALS phenotype in some patients with *SPG11* mutations. Molecular Genetics & Genomic Medicine, 2020, 8: e1240. https://doi.org/10.1002/mgg3.1240
Co-corresponding Author; 2018 Imapct Factor: 2.448; Q3

101. Safari I, Baradaran-Rafii A, Issazadeh-Navikas S, **Elahi E** (2020) CHST6 mutation screening in Iranian MCD patients and worldwide CHST6-reported mutations identify targets 4 for gene editing approaches including the CRISPR/Cas 5 system. Int Ophthalmol, 40, 2223–2235. https://doi.org/10.1007/s10792-020-01401-9
Corresponding Author; 2020 Imapct Factor: 1.308; Q2

102. Khani M, Taheri H, Shamshiri H, Moazzeni H, Hardy J, Bras JT, InanlooRahatloo K, Alavi A, Nafissi S, **Elahi E** (2021) , 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. Journal of Neurology 268: 640-650. doi: 10.1007/s00415-020-10171-4, PMID: 32897397.
Corresponding Author; 2020 Imapct Factor: 4.849; Q1

103. Young TL; Whisenhunt KN; Jin J; LaMartina SM; Martin SM; Souma T; Limviphuvadh V; Suri F; Souzeau E; Zhang X; Dan Y; nagnos E; Carmona S; Jody NM; Stangel N; iguchi EC; Huang SJ; Siggs OM; Simões MJ; Lawson BM; Martin JS; **Elahi E**; Narooie-Nejad M; Motlagh BF; Quaggin SE; Potter HD; Silva ED; Craig JE; Egas C; Maroofian R; Maurer-Stroh S; Bradfield YS; Stuart W. Tompson SW (2020). SVEP1 as a Genetic Modifier of TEK-Related Primary Congenital Glaucoma. Investigative Ophthalmology & Visual Science 61: 1-12. doi: https://doi.org/10.1167/iovs.61.12.6
2020 Impact Factor: 3.610; Q1

107. Moazzeni H, Khani M, **Elahi E** (2020) Insights into the regulatory molecules involved in glaucoma pathogenesis. American Journal of Medical Genetics Part C Semin Med Genet 184:782-827.
Review. Corresponding Author; 2020 Imapct Factor: 7.101; Q1

108. Nouri H, Moghimi H, Marashi S-A, **Elahi E** (2020) Impact of hfq and sigE on the tolerance of Zymomonas mobilis ZM4 to furfural and acetic acid stresses (2020) PLoS One 15(10): e0240330 , https://doi.org/10.1371/journal.pone.0240330
2020 Impact Factor: 2.870; Q1

109. Malakouti-Nejad M , Bardania H, Aliakbari F , Alireza Baradaran-Rafii A , **Elahi E** , Daniela Monti D , Dina Morshedi D (2020) Formulation of nanoliposome-encapsulated bevacizumab (Avastin): Statistical optimization for enhanced drug encapsulation and properties evaluation. International Journal of Pharmaceutics 590: 119895 https://doi.org/10.1016/j.ijpharm.2020.119895
2020 Impact Factor: 4.320; Q1

110. Kuźma-Kozakiewicz M, Andersen PM, **Elahi E**,Alavi A, Sapp PC,Morita M, Żekanowski C, Berdyński M (2021) 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. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration 22:80-85. doi.org/10.1080/21678421.2020.1803359
2019 **Impacr factor: 3.286; Q?**

111. 108. Khani M, Shamshiri H, Taheri H, Hardy J, Bras JT, Carmona S, Moazzeni H, Alavi A,….., **Elahi E** (2021) BVVL/ FL: Features caused by *SLC52A3* mutations; *WDFY4* and *TNFSF13B* may be novel causative genes. Neurobiology of Aging 99:102.e1-102.e10. doi: 10.1016/j.neurobiolaging.2020.09.021
Corresponding Author; 2020 Imapct Factor: 4.370; Q1

112. Darbari E, Zare-Abdollahi D, Alavi A, Rezaie[3], Feizi I S, Hosseini B, Baradaran-Rafii A, Ahmadieh H, Issazadeh-Navikas S, **Elahi E** (2020) *DOP1B* mutation identified as cause of Peters anomaly. Molecular Vision 2020; 26:757-765.
Corresponding Author; 2020 Imapct Factor: 2.250; Q1

113. Safari I, InanlooRahatloo K, **Elahi E** (2021) Evolution of SARS-CoV-2 genome from December 2019 to late March 2020: Emerged haplotypes and informative Tag nucleotide variations. J Medical Virology 93:2010-2020. DOI: 10.1002/jmv.26553
Corresponding Author; 2020 Imapct Factor 2.021; Q?

114. Safari I, InanlooRahatloo K, **Elahi E** (2021) World-wide tracking of major SARS-CoV-2 genome haplotypes in sequences of June 1 to November 15, 2020 and discovery of rapid expansion of a new haplotype. Medical Virology, Available online.
doi.org/10.1002/jmv.26802
Corresponding Author; 2020 Imapct Factor 2.021; Q?

115. Taghizadeh P, Salehi S, Heshmati A, Houshmand SM, InanlooRahatloo K, Mahjoubi F, Sanati MH, Yari H, Alavi A, Jamehdar SA, Dabirig S, Galehdari H, Haghshenas MR, Hashemian AM, Heidarzadeh A, Jahanzad I, Kheyrani E, Piroozmand A, Mojtahedi A, Razavi Nikoo H, Rahimi Bidgoli MM, Rezvani N, Sepehrnejad M, Shakibzadeh A, Shariati G, Seyyedi N, Zahraei SMS, Iman Safari I, **Elahi E** (2021). Study on SARS-CoV-2 strains in Iran reveals potential contribution of co-infection with and recombination between different strains to the emergence of new strains. Virology 562: 63-73. doi.org/10.1016/j.virol.2021.06.004
Corresponding Author; 2020 Imapct Factor 3.616; Q2

116. Khani M , Shamshiri H , Moazzeni H, Taheri H, Ahmadieh H , Alavi A , Farboodi N , Nafissi S , **Elahi E** (2021). A case of adult onset Sandhoff disease that mimics Brown-Vialetto-Van Laere syndrome. Neuromuscular Disorders 31:528-531. doi: 10.1016/j.nmd.2021.03.003.
Corresponding Author; 2021 Factor: 4.296; Q??

118. Heshmati A, Taghizadeh P, … **Elahi E** (2021). Accurate Estimation of Carrier Frequencies of *CYP1B1* Congenital Glaucoma Causing Mutations p.Gly61Glu and p.Arg368His in Regions of Guilan Province in Iran. J Ophthalmic Vis Res. J Ophthalmic Vis Res 16 (4): 574–581.
Corresponding Author; Journal Impact Factor: 0.000

119. Rezaei-Kanavi M, **Elahi E**, Yazdani S, Mirrahimi M, Hajizadeh M, Khodaverdi S, Ahmadieh H, Suri F (2021). Prenatal Diagnosis of Primary Congenital Glaucoma and Histopathologic Features in A Fetal Globe with CYP1B1 Mutations. European J Ophthalmology. https://doi.org/10.1177/11206721211051235
2019 Impact Factor: 1.642; Q??

120. Safari I, **Elahi E** (2021). Evolution of the SARS-CoV-2 genome and emergence of variants-of-concern. Archives of Virology. doi.org/10.1007/s00705-021-05295-5
REVIEW; Corresponding Author; Journal Impact Factor: 2.243

121. Darbari E, Ahmadieh H, Daftarian N, Suri F, **Elahi E** (2022). Mutation screening of six exons of *ABCA4* gene in 18 Iranian Stargardt disease patients. J Ophthalmic Vis Res 17 (1): 51–58
Corresponding Author; Journal Impact Factor: 0.000

123. Safari I, Moghaddasi A, Yousefpour Marzbali M, Mohammadi S-F, **Elahi E**, Suri S (2022) Ophthalmogenetic Epidemiology in Iran. Archives of Persian Ophthalmology 2021;2(5)

124. Jozaei R, Javadi M-A, Safari I, Moghaddasi A, Feizi S, Rezaei Kanavi M, Najafi S, Safdari B, Iman Salahshourifar I, **Elahi E** & Suri F (2022). Ophthalmic Genetics, available online: DOI: 10.1080/13816810.2022.2068040
Journal Impact Factor: 1.803

125. Khani M, Nafissi S, Shamshiri H, Moazzeni H, Taheri H, **Elahi E**. Identification of *RNF13* as cause of recessively inherited ALS in a multi-case pedigree. Journal of Medical Genetics, Accepted June **318**2022
Corresponding author; Journal Impact Factor (2021-2022): 6.; Q1

126. Khani M, Nafissi S, Shamshiri H, Moazzeni H,Taheri H, Sadeghi M, Salehi N, Chitsazian F, **Elahi E (2022)**. Identification of *UBA1* as the causative gene of an X-

linked non-Kennedy spinal-bulbar muscular atrophy. Eur J Neurol. 29:3556-3563. doi: 10.1111/ene.15528

Corresponding author; Journal Impact Factor (2021-2022): 5.1; Q1
127. Moeinadini A, Sari A, Shahdadi A, Katouzi AR, Sarafrazi A , and **Elahi E** (2023). Adding the Molecular Diversity Information of the Common Fouling Barnacle *Amphibalanus amphitrite* (Darwin, 1854) (Crustacea: Cirripedia) from the Persian Gulf and Gulf of Oman to the Global Diversity Pattern. Zoological Studies **62:**16

Impact factor: 1.257

128. Khani M, Nafissi S, Shamshiri H, Nafissi S, Salehi N, Moazzeni H,Taheri H, **Elahi E (**2024). Identification of a mutation in *TNRC18* in a patient with clinical features of Fazio-Londe disease. Clinical Case Reports 12:e8394 DOI: 10.1002/ccr3.8394

Impact factor: 0

129. Malakouti–Nejad M, Daniela Monti D, Burgalass S, Bardania H, **Elahi E**, Morshedi D (2024)). A comparison between the effects of two liposome-encapsulated bevacizumab formulations on ocular neovascularization inhibition. Colloids and Surfaces B: Biointerfaces 234: 113708 https://doi.org/10.1016/j.colsurfb.2023.113708

Impact factor: 5.268

130. Sabeghi D, InanlooRahatloo K, Mirzadeh HS, Khani M, Shamshiri H, Taghavi T, Alavi A, Boostani R, Tonekaboni SH, Akhondian J, Ebrahimi M, Salehi N, Nafissi S, **Elahi E** (2024). Atypical presentations in an RTD patient and report of novel SLC52A3 and SLC52A2 mutations. Acta Neurol Belg. 2024 Aug;124(4):1363-1370. doi: 10.1007/s13760-024-02598-7.

Impact factor: 2.471

131. Ravanbod M, Mohammadi M, Ghasemi A, Jabbarzadeh S, Okhovat AA, Khani M, **Elahi E**, Ramezani M, Nafissi S, Alavi A (2025). GDAP1-related Charcot-Marie-Tooth disease: axonal or demyelinating subtype? autosomal recessive or autosomal dominant inheritance? Journal of the Peripheral Nervous System; accepted, under publication

Impact factor: 2.795