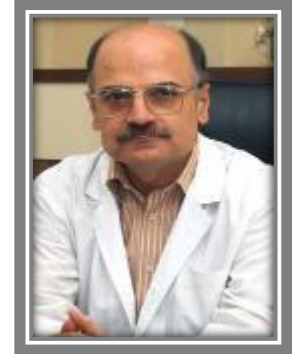


"Curriculum Vitae"

Hamid Ahmadieh, MD

Degree: Professor

- Work Address:**
- Ophthalmic Research Center, Research Institute for Ophthalmology and Vision Science, Shahid Beheshti University of Medical Sciences, Tehran, Iran
 - Department of Ophthalmology, Labbafinejad Medical Center, Pasdaran Ave. Boostan 9 St. Tehran, 16666, Iran



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hahmadieh@gmail.com

Fields Of Activity: Medical and Surgical Retina

Certifications

1978	General Medicine
1982	Iranian Board of Ophthalmology
1986	Fellowship of Medical and Surgical Retina

Academic position

1986-1993	Assistant Professor of Ophthalmology -Shahid Beheshti University of Medical Sciences
1993- 1998	Associate Professor of Ophthalmology -Shahid Beheshti University of Medical Sciences
1999- Present	Professor of Ophthalmology -Shahid Beheshti University of Medical Sciences

Executive appointments

1986-2012	Co-founder & Director of the Vitreoretinal Service at Labbafinejad Medical Center
1988-1996	Iranian Society of Ophthalmology, Member of the Executive Committee
2010-Present	Iranian Society of Ophthalmology, Member of the Executive Committee, Head of the Scientific Committee
1989-1996	Director, Residency Training (Ophthalmology)-Labbafinejad Medical Center & Shahid Beheshti University of Medical Sciences
2006-2016	Founder & Editor-in-Chief, Journal of Ophthalmic & Vision Research
2017- Present	Senior Editor, Journal of Ophthalmic and Vision Research
2007-2015	Founder & Head of Iranian Vitreoretina Society (IrVRS)
2008-Present	Research Deputy of the Ophthalmic Research Center
2011- 2015	Vice-President of Iranian Society of Ophthalmology
2010-Present	Founder Director of Iranian Research Association for Vision and Ophthalmology (IRAVO)
2020-Present	Member of the Advisory Board, Universal Scientific Education and Research Network (USERN)

Membership

1982-Present	Iranian Society of Ophthalmology
1986-Present	American Academy of Ophthalmology
2007-Present	Iranian Vitreoretina Society (Founder)
2001- Present	American Society of Retina Specialists (ASRS)
2007-Present	Association for Research in Vision and Ophthalmology (ARVO)
2007-2009	European Association for Vision and Eye Research (EVER)
2010-Present	European Society of Retina Specialists (EURETINA)

Interests

Medical and Surgical Retina
Retinal Cell Biology

Awards and Honors

- Distinguished Ophthalmologist, Iranian Society of Ophthalmology, 2003
- Distinguished Researcher, Shahid Beheshti University of Medical Sciences, 2003
- Recipient of 9th Razi Research Festival Award, 2003
- **Achievement Award**, American Academy of Ophthalmology, 2006
- Outstanding Researcher with High Citation, 12th Razi Research Festival on Medical Sciences, 2006
- Distinguished Researcher, Shahid Beheshti University of Medical Sciences, 2009
- **Honor Award**, American Society of Retina Specialists, 2010
- Distinguished Researcher, Shahid Beheshti University of Medical Sciences, 2014
- Peyman Award, Chams Festival 2015
- **Senior Achievement Award**, American Academy of Ophthalmology, 2017
- Recipient of 24th Razi Research Festival Award, 2018
- **Top 1% Highly Cited Researchers, 2020**
- **Stanford University Top 2% Scientists Worldwide, 2021**
- Recipient of the Iranian Society of Ophthalmology (IrSO) Award, 2023
- **Stanford University Top 2% Scientists Worldwide, 2023**

Editorial Work

Founder (2006) & Editor - in – Chief (2006-2016), Journal of Ophthalmic & Vision Research. Senior Editor (2017- present)

Member of the Editorial Board, Journal of Ophthalmology

Published Books

- *Pediatric Cataract Surgery. Wilson E., Trivedi R.H., Pandey S.K., Lippincott Williams & Wilkins, USA, Chapters: 20,43.*

Reviewer

1. Ophthalmology (The Journal of American Academy of Ophthalmology)
2. American Journal of Ophthalmology
3. Retina
4. Acta Ophthalmologica
5. Ophthalmology Science
6. Indian Journal of Ophthalmology
7. BMC Ophthalmology
8. Journal of Ophthalmology
9. Saudi Journal of Ophthalmology
10. Archives of Iranian Medicine
11. Frontiers in Medicine, Ophthalmology Section
12. Eye and Vision
13. Current Eye Research

International Patents:

1. US Patent: Transscleral Drug Delivery # US 2016/0101043 A1

International Papers: 199

Local Papers: 35

International Ophthalmology Meetings: 40

Local Congresses: 27

International Papers:

1. Hassanpour K, Ahmadi H. Image Calibration in choroidal vascularity index measurement. *Int J Retina Vitreous*. 2023 Nov 10;9(1):67. doi: 10.1186/s40942-023-00508-2. PMID: 37950333; PMCID: PMC10637011.
2. Sabbaghi H, Madani S, Ahmadi H, Daftarian N, Suri F, Khorrami F, Saviz P, Shahriari MH, Motevasseli T, Fekri S, Nourinia R, Moradian S, Sheikhtaheri A. A health terminological system for inherited retinal diseases: Content coverage evaluation and a proposed classification. *PLoS One*. 2023 Aug 4;18(8):e0281858. doi: 10.1371/journal.pone.0281858. PMID: 37540684; PMCID: PMC10403057.
3. Ramezani A, Sabbaghi H, Katibeh M, Ahmadi H, Kheiri B, Yaseri M, Moradian S, Alizadeh Y, Soltani Moghadam R, Medghalchi A, Etemad K, Behboudi H. Prevalence of cataract and its contributing factors in Iranian elderly population: the Gilan eye study. *Int Ophthalmol*. 2023 Aug 16. doi: 10.1007/s10792-023-02851-7. Epub ahead of print. PMID: 37584824.
4. Behboudi H, Rajavi Z, Sabbaghi H, Katibeh M, Kheiri B, Yaseri M, Moradian S, Alizadeh Y, Ahmadi H, Pakbin M, Bouyeh A, Moradi A. Prevalence of refractive errors in population aged 50 years and over: The Gilan eye study. *Eur J Ophthalmol*. 2023 Jun 22:11206721231184544. doi: 10.1177/11206721231184544. Epub ahead of print. PMID: 37349990.
5. Hassanpour K, Langari F, Akbarzadeh AR, Kanavi MR, Barani M, Kheiri B, Karimian F, Ahmadi H, Sadoughi MM. Safety and Efficacy of Topical Vitamin D in the Management of Dry Eye Disease Associated With Meibomian Gland Dysfunction: A Placebo-Controlled Double-Blind Randomized Controlled Trial. *Cornea*. 2023 Oct 9. doi: 10.1097/ICO.0000000000003400. Epub ahead of print. PMID: 37815305.

6. Abtahi SH, Nourinia R, Mazloumi M, Nouri H, Arevalo JF, Ahmadiéh H. Retinal ischemic cascade: New insights into the pathophysiology and imaging findings. *Surv Ophthalmol*. 2023 May-Jun;68(3):380-387. doi: 10.1016/j.survophthal.2022.11.009. Epub 2022 Dec 2. PMID: 36464134.
7. Shamsnajafabadi H, Soheili ZS, Samiee S, Ahmadiéh H, Pirmardan ER, Haghighi M. Neural differentiation of human retinal pigment epithelial cells on alginate/gelatin substrate. *Mol Vis*. 2022 Dec 12;28:412-431. PMID: 36601411; PMCID: PMC97678
8. Zakeri F, Latifi-Navid H, Soheili ZS, Sadeghi M, Arab SS, Samiei S, Pirmardan ER, Taghizadeh S, Ahmadiéh H, Hafezi-Moghadam A. Design, construction and in vivo functional assessment of a hinge truncated sFLT01. *Gene Ther*. 2023 Apr;30(3-4):347-361. doi: 10.1038/s41434-022-00362-1. Epub 2022 Sep 16. PMID: 36114375.
9. Latifi-Navid H, Barzegar Behrooz A, Jamehdor S, Davari M, Latifinaid M, Zolfaghari N, Piroozmand S, Taghizadeh S, Bourbour M, Shemshaki G, Latifi-Navid S, Arab SS, Soheili ZS, Ahmadiéh H, Sheibani N. Construction of an Exudative Age-Related Macular Degeneration Diagnostic and Therapeutic Molecular Network Using Multi-Layer Network Analysis, a Fuzzy Logic Model, and Deep Learning Techniques: Are Retinal and Brain Neurodegenerative Disorders Related? *Pharmaceuticals (Basel)*. 2023 Nov 2;16(11):1555. doi: 10.3390/ph16111555. PMID: 38004422; PMCID: PMC10674956.
10. Safdari B, Rezaei-Kanavi M, Mishan MA, Ahmadiéh H, Soheili ZS, Salahshourifar I, Suri F. Augmented Expression of *NOGO-A* and Its Receptors in Human Retinal Pigment Epithelial Cells Following Treatment with Human Amniotic Fluid. *Iran J Public Health*. 2022 Jul;51(7):1658-1666. doi: 10.18502/ijph.v51i7.10100. PMID: 36248281; PMCID: PMC9529728.
11. Hassanpour K, Kanavi MR, Daftarian N, Samaeili A, Suri F, Pakravan M, Doozandeh A, Aski SA, Fakhri M, Moghaddasi A, Ahmadiéh H, Esfandiari H. The Inhibitory Effect of Connective Tissue Growth Factor Antibody on Postoperative Fibrosis in a Rabbit Model of Trabeculectomy. *J Ophthalmic Vis Res*. 2022 Nov 29;17(4):486-496. doi: 10.18502/jovr.v17i4.12300. PMID: 36620705; PMCID: PMC9806307.
12. Namvar E, Ahmadiéh H, Maleki A, Nowroozzadeh MH. Sensitivity and specificity of optical coherence tomography angiography for diagnosis and classification of diabetic retinopathy; a systematic review and meta-analysis. *Eur J Ophthalmol*. 2023 Nov;33(6):2068-2078. doi: 10.1177/11206721231167458. Epub 2023 Apr 3. PMID: 37013361.
13. Zolfaghari N, Soheili ZS, Samiei S, Latifi-Navid H, Hafezi-Moghadam A, Ahmadiéh H, Rezaei-Kanavi M. microRNA-96 targets the INS/AKT/GLUT4 signaling axis: Association with and effect on diabetic retinopathy. *Heliyon*. 2023 Apr

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15. Fazel F, Rezaeian-Ramsheh A, Fazel M, Ahmadieh H. Closure of idiopathic full-thickness macular hole after intravitreal C3F8 injection without vitreomacular traction release: A case report and review of literature. *Retin Cases Brief Rep.* 2022 Aug 19. doi: 10.1097/ICB.0000000000001314. Epub ahead of print. PMID: 35993722.
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17. Heshmati A, Taghizadeh P, Ahmadieh H, Yaseri M, Suri F, Alizadeh M, Dadashzadeh M, Khatami H, Navi MM, Zamanparvar P, Behboudi H, Elahi E. Erratum: Carrier Status for p.Gly61Glu and p.Arg368His <i>CYP1B1</i> Mutations Causing Primary Congenital Glaucoma in Iran. *J Ophthalmic Vis Res.* 2022 Apr 29;17(2):311. doi: 10.18502/jovr.v17i2.10809. Erratum for: *J Ophthalmic Vis Res.* 2021 Oct 25;16(4):574-581. PMID: 35765627; PMCID: PMC9185197.
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19. Forouhari A, Mansouri V, Safi S, Ahmadieh H, Ghaffari Jolfayi A. A Systematic Literature Review and Bibliometric Analysis of Ophthalmology and COVID-19 research. *J Ophthalmol.* 2022 May 24;2022:8195228. doi: 10.1155/2022/8195228. PMID: 35646394; PMCID: PMC9133895.
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- Paradigm Shift? *J Ophthalmic Vis Res.* 2022 Jan 21;17(1):108-117.
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doi:10.18502/jovr.v16i4.9740. PMID: 34840673; PMCID: PMC8593548.
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doi:10.4103/joco.joco_199_20. PMID: 34409238; PMCID: PMC8365586.
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doi:10.1016/j.survophthal.2021.07.004. Epub 2021 Jul 29. PMID: 34331955.
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32. Sabbaghi H, Behbahani S, Daftarian N, Ahmadi H. New criteria for evaluation of electroretinogram in patients with retinitis pigmentosa. *Doc Ophthalmol.* 2021 Dec;143(3):271-281. doi: 10.1007/s10633-021-09843-x. Epub 2021 Jun 30. PMID: 3419119.
33. Bahena P, Daftarian N, Maroofian R, Linares P, Villalobos D, Mirrahimi M, Rad A, Doll J, Hofrichter MAH, Koparir A, Röder T, Han S, Sabbaghi H, Ahmadi H, Behboudi H, Villanueva-Mendoza C, Cortés-Gonzalez V, Zamora-Ortiz R, Kohl S, Kuehlewein L, Arvish H, Alehabib E, Arenas-Sordo ML, Suri F, Vona B, Haaf T. Unraveling the genetic complexities of combined retinal dystrophy and hearing impairment. *Hum Genet.* 2022 Apr;141(3-4):785-803. doi:10.1007/s00439-021-02303-1. Epub 2021 Jun 20. PMID: 34148116; PMCID: PMC9035000.

34. Daftarian N, Baigy O, Suri F, Kanavi MR, Balagholi S, Afsar Aski S, Moghaddasi A, Nourinia R, Abtahi SH, Ahmadieh H. Intravitreal connective tissue growth factor neutralizing antibody or bevacizumab alone or in combination for prevention of proliferative vitreoretinopathy in an experimental model. *Exp Eye Res.* 2021 Jul;208:108622. doi: 10.1016/j.exer.2021.108622. Epub 2021 May 19. PMID: 34022176.
35. Khojasteh H, Azarmina M, Ebrahimiadib N, Daftarian N, Riazi-Esfahani H, Naraghi H, Sabbaghi H, Khodabande A, Faghihi H, Moghaddasi A, Bazvand F, Manaviat MR, Ahmadieh H, Hassanpoor N, Suri F. Autosomal Recessive Bestrophinopathy: Clinical and Genetic Characteristics of Twenty-Four Cases. *J Ophthalmol.* 2021 Apr 30;2021:6674290. doi: 10.1155/2021/6674290. PMID: 34012682; PMCID: PMC8105111.
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37. Shams Najafabadi H, Sadeghi M, Zibaii MI, Soheili ZS, Samiee S, Ghasemi P, Hosseini M, Gholami Pournabadi H, Ahmadieh H, Taghizadeh S, Ranaei Pirmardan E. Optogenetic control of neural differentiation in Opto-mGluR6 engineered retinal pigment epithelial cell line and mesenchymal stem cells. *J Cell Biochem.* 2021 Aug;122(8):851-869. doi: 10.1002/jcb.29918. Epub 2021 Apr 13. PMID: 33847009.
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- a consanguineous family. *Mol Vis.* 2020 Nov 25;26:757-765. PMID:33273802; PMCID: PMC7700884.
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 44. GBD 2019 Risk Factors Collaborators. Global burden of 87 risk factors in 204 countries and territories, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019. *Lancet.* 2020 Oct 17;396(10258):1223-1249. doi:10.1016/S0140-6736(20)30752-2. PMID: 33069327; PMCID: PMC7566194.
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