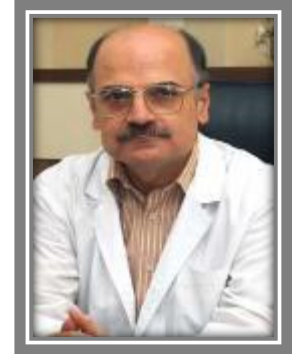


## "Curriculum Vitae"

### **Hamid Ahmadih MD.**

**Degree:** Professor  
**Work Address:** Research Institute for Ophthalmology and Vision Science, Shahid Beheshti University of Medical Sciences  
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**Fields Of Activity:** 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  
1987-2008 Iranian Board of Ophthalmology, Member  
1988-1996 Iranian Society of Ophthalmology, Member of the Executive 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)

### **Membership**

1982-Present	Iranian Society of Ophthalmology
1986-Present	American Academy of Ophthalmology
2007-Present	Iranian Vitreoretina Society (The Founder)
2001- Present	American Society of Retina Specialists (ASRS)
2006- Present	International Society of Ocular Trauma (ISOT)
2007-Present	The 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)

### **Interest**

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 9<sup>th</sup> Razi Research Festival Award, 2003
- **Achievement Award**, American Academy of Ophthalmology, 2006
- Outstanding Researcher with High Citation, 12 the 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
- Razi Achievement Awards, 2018

## **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. Middle East African Journal of Ophthalmology
6. Indian Journal of Ophthalmology
7. BMC Ophthalmology
8. Journal of Ophthalmology
9. Saudi Journal of Ophthalmology

**International Patents:**

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

**International Papers: 149**

**Local Papers: 35**

**International Ophthalmology Meetings: 40**

**Local Congresses: 27**

***International Papers:***

1: GBD 2017 Disease and Injury Incidence and Prevalence Collaborators. Global, regional, and national incidence, prevalence, and years lived with disability for 354 diseases and injuries for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet. 2018 Nov 10;392(10159):1789-1858. doi: 10.1016/S0140-6736(18)32279-7. Epub 2018 Nov 8. Erratum in: Lancet. 2019 Jun 22;393(10190):e44. PMID: 30496104; PMCID: PMC6227754.

2: GBD 2016 Disease and Injury Incidence and Prevalence Collaborators. Global, regional, and national incidence, prevalence, and years lived with disability for 328 diseases and injuries for 195 countries, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet. 2017 Sep 16;390(10100):1211-1259. doi: 10.1016/S0140-6736(17)32154-2. Erratum in: Lancet. 2017 Oct 28;390(10106):e38. PMID: 28919117; PMCID: PMC5605509.

3: Safi H, Safi S, Hafezi-Moghadam A, Ahmadi H. Early detection of diabetic retinopathy. Surv Ophthalmol. 2018 Sep-Oct;63(5):601-608. doi: 10.1016/j.survophthal.2018.04.003. Epub 2018 Apr 19. PMID: 29679616.

4: GBD 2017 Risk Factor Collaborators. Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet. 2018 Nov 10;392(10159):1923-1994. doi: 10.1016/S0140-6736(18)32225-6. Epub 2018 Nov 8. Erratum in: Lancet. 2019 Jan 12;393(10167):132. Erratum in: Lancet. 2019 Jun 22;393(10190):e44. PMID: 30496105; PMCID: PMC6227755.

5: GBD 2015 Disease and Injury Incidence and Prevalence Collaborators. Global, regional, and national incidence, prevalence, and years lived with disability for 310 diseases and injuries, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. *Lancet*. 2016 Oct 8;388(10053):1545-1602. doi: 10.1016/S0140-6736(16)31678-6. Erratum in: *Lancet*. 2017 Jan 7;389(10064):e1. PMID: 27733282; PMCID: PMC5055577.

6: GBD 2017 DALYs and HALE Collaborators. Global, regional, and national disability-adjusted life-years (DALYs) for 359 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. *Lancet*. 2018 Nov 10;392(10159):1859-1922. doi: 10.1016/S0140-6736(18)32335-3. Erratum in: *Lancet*. 2019 Jun 22;393(10190):e44. PMID: 30415748; PMCID: PMC6252083.

7: GBD 2015 DALYs and HALE Collaborators. Global, regional, and national disability-adjusted life-years (DALYs) for 315 diseases and injuries and healthy life expectancy (HALE), 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. *Lancet*. 2016 Oct 8;388(10053):1603-1658. doi:

10.1016/S0140-6736(16)31460-X. Erratum in: *Lancet*. 2017 Jan 7;389(10064):e1.

PMID: 27733283; PMCID: PMC5388857.

8: GBD 2016 Risk Factors Collaborators. Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. *Lancet*. 2017 Sep 16;390(10100):1345-1422. doi: 10.1016/S0140-6736(17)32366-8. Erratum in: *Lancet*. 2017 Oct 14;390(10104):1736. Erratum in: *Lancet*. 2017 Oct 28;390(10106):e38. PMID: 28919119; PMCID: PMC5614451.

9: GBD 2017 Mortality Collaborators. Global, regional, and national age-sex- specific mortality and life expectancy, 1950-2017: a systematic analysis for the Global Burden of Disease Study 2017. *Lancet*. 2018 Nov 10;392(10159):1684-1735. doi: 10.1016/S0140-6736(18)31891-9. Epub 2018 Nov 8. Erratum in: *Lancet*. 2019 Jun 22;393(10190):e44. PMID: 30496102; PMCID: PMC6227504.

10: GBD 2017 SDG Collaborators. Measuring progress from 1990 to 2017 and projecting attainment to 2030 of the health-related Sustainable Development Goals for 195 countries and territories: a systematic analysis for the Global Burden of Disease Study 2017. *Lancet*. 2018 Nov 10;392(10159):2091-2138. doi: 10.1016/S0140-6736(18)32281-5. Epub 2018 Nov 8. Erratum in: *Lancet*. 2019 Jun 22;393(10190):e44. PMID: 30496107; PMCID: PMC6227911.

11: Sasaki F, Koga T, Ohba M, Saeki K, Okuno T, Ishikawa K, Nakama T, Nakao S, Yoshida S, Ishibashi T, Ahmadiéh H, Kanavi MR, Hafezi-Moghadam A, Penninger JM, Sonoda KH, Yokomizo T. Leukotriene B4 promotes neovascularization and macrophage recruitment in murine wet-type AMD models. *JCI Insight*. 2018 Sep 20;3(18):e96902. doi: 10.1172/jci.insight.96902. PMID: 30232269; PMCID: PMC6237215.

12: Safi H, Ahmadiéh H, Safi S, Hafezi-Moghadam A. Authors' reply. *Surv Ophthalmol*. 2019 Jan-Feb;64(1):133. doi: 10.1016/j.survophthal.2018.07.001. Epub 2018 Aug 7. PMID: 30096333.

13: Moradian N, Ochs HD, Sedikies C, Hamblin MR, Camargo CA Jr, Martinez JA, Biamonte JD, Abdollahi M, Torres PJ, Nieto JJ, Ogino S, Seymour JF, Abraham A, Cauda V, Gupta S, Ramakrishna S, Sellke FW, Sorooshian A, Wallace Hayes A, Martinez-Urbistondo M, Gupta M, Azadbakht L, Esmailzadeh A, Kelishadi R, Esteghamati A, Emam-Djomeh Z, Majdzadeh R, Palit P, Badali H, Rao I, Saboury AA, Jagan Mohan Rao L, Ahmadiéh H, Montazeri A, Fadini GP, Pauly D, Thomas S, Moosavi-Movahed AA, Aghamohammadi A, Behmanesh M, Rahimi-Movaghar V, Ghavami S, Mehran R, Uddin LQ, Von Herrath M, Mobasher B, Rezaei N. The urgent need for integrated science to fight COVID-19 pandemic and beyond. *J Transl Med*. 2020 May 19;18(1):205. doi: 10.1186/s12967-020-02364-2. PMID: 32430070; PMCID: PMC7236639.

14: Ahmadiéh H, Kanavi MR, Moradian S, Jabbarpoor Bonyadi MH. Saffron for staining the anterior lens capsule. *J Cataract Refract Surg*. 2018 Dec;44(12):1524-1525. doi: 10.1016/j.jcrs.2018.07.059. Epub 2018 Sep 15. PMID: 30228012.

15: Chapi M, Sabbaghi H, Suri F, Alehabib E, Rahimi-Aliabadi S, Jamali F, Jamshidi J, Emamalizadeh B, Darvish H, Mirrahimi M, Ahmadiéh H, Daftarian N. Incomplete penetrance of *CRX* gene for autosomal dominant form of cone-rod dystrophy. *Ophthalmic Genet*. 2019 Jun;40(3):259-266. doi: 10.1080/13816810.2019.1622023. Epub 2019 Jun 19. PMID: 31215831.

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18: Daftarian N, Mirrahimi M, Sabbaghi H, Moghadasi A, Zal N, Dehghan Banadaki H, Ahmadi H, Suri F. *PRPH2* mutation as the cause of various clinical manifestations in a family affected with inherited retinal dystrophy. *Ophthalmic Genet.* 2019 Oct;40(5):436-442. doi: 10.1080/13816810.2019.1678178. Epub 2019 Oct 16. PMID: 31618092.

19: Nourinia R, Nakao S, Zandi S, Safi S, Hafezi-Moghadam A, Ahmadi H. ROCK inhibitors for the treatment of ocular diseases. *Br J Ophthalmol.* 2017 Aug 9;bjophthalmol-2017-310378. doi: 10.1136/bjophthalmol-2017-310378. Epub ahead of print. PMID: 28794073.

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21: Molaei A, Abedloo E, de Smet MD, Safi S, Khorshidifar M, Ahmadi H, Khosravi MA, Daftarian N. Toward the Art of Robotic-assisted Vitreoretinal Surgery. *J Ophthalmic Vis Res.* 2017 Apr-Jun;12(2):212-218. doi: 10.4103/jovr.jovr\_63\_17. PMID: 28540014; PMCID: PMC5423376.

22: Shoeibi N, Hosseini SM, Banaee T, Ansari-Astaneh MR, Abrishami M, Ahmadi H. Vitreous changes after intravitreal bevacizumab monotherapy for retinopathy of prematurity: a case series. *Int J Retina Vitreous.* 2018 Mar 19;4:10. doi: 10.1186/s40942-018-0113-3. PMID: 29568572; PMCID: PMC5859723.

23: Katibeh M, Mousavi B, Kalantarion M, Sabbaghi H, Abdolahi E, Nikkiah H, Ahmadi H, Kallestrup P. Using mHealth to improve eye care in remote areas of Iran. *Community Eye Health.* 2019;32(107):65-66. Epub 2019 Dec 17. PMID: 32123481; PMCID: PMC7041833.

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29: Kanavi MR, Asadi S, Balaghali S, Alikarami F, Nosrati H, Ahmadi H. Gamma irradiation of ocular melanoma and lymphoma cells in the presence of gold nanoparticles: in vitro study. *J Appl Clin Med Phys.* 2018 May;19(3):268-275. doi: 10.1002/acm2.12336. Epub 2018 Apr 29. PMID: 29707895; PMCID: PMC5978644.

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31: Nikkhah H, Karimi S, Ahmadi H, Azarmina M, Abrishami M, Ahoor H, Alizadeh Y, Behboudi H, Daftarian N, Dehghan MH, Entezari M, Farrahi F, Ghanbari H, Falavarjani KG, Javadi MA, Karkhaneh R, Moradian S, Manaviat MR, Mehryar M, Nourinia R, Parvaresh MM, Ramezani A, Haghi AR, Riazi-Esfahani M, Soheilian M, Shamsavari M, Shahriari HA, Rajavi Z, Safi S, Shirvani A, Rahmani S, Sabbaghi H, Pakbin M, Kheiri B, Ziaei H. Intravitreal Injection of Anti-vascular Endothelial Growth Factor Agents for Ocular Vascular Diseases: Clinical Practice Guideline. *J Ophthalmic Vis Res.* 2018 Apr-Jun;13(2):158-169. doi: 10.4103/jovr.jovr\_50\_18. PMID: 29719645; PMCID: PMC5905310.

32: GBD 2016 SDG Collaborators. Measuring progress and projecting attainment on the basis of past trends of the health-related Sustainable Development Goals in 188 countries: an analysis from the Global Burden of Disease Study 2016. *Lancet.* 2017 Sep 16;390(10100):1423-1459. doi: 10.1016/S0140-6736(17)32336-X. Epub 2017 Sep 12. Erratum in: *Lancet.* 2017 Sep 30;390(10102):e23. Erratum in: *Lancet.* 2017 Oct 28;390(10106):e38. PMID: 28916366; PMCID: PMC5603800.



33: Nourinia R, Ahmadi H, Nekoei E, Malekifar P, Tofighi Z. CHANGES IN CENTRAL CHOROIDAL THICKNESS AFTER TREATMENT OF DIABETIC MACULAR EDEMA WITH INTRAVITREAL BEVACIZUMAB CORRELATION WITH CENTRAL MACULAR THICKNESS AND BEST-CORRECTED VISUAL ACUITY. *Retina*. 2018 May;38(5):970-975. doi: 10.1097/IAE.0000000000001645. PMID:28426622.

34: Ahmadi H, Nourinia R, Hafezi-Moghadam A, Sabbaghi H, Nakao S, Zandi S, Yaseri M, Tofighi Z, Akbarian S. Intravitreal injection of a Rho-kinase inhibitor (fasudil) combined with bevacizumab versus bevacizumab monotherapy for diabetic macular oedema: a pilot randomised clinical trial. *Br J Ophthalmol*. 2019 Jul;103(7):922-927. doi: 10.1136/bjophthalmol-2018-312244. Epub 2018 Aug 27. PMID: 30150280.

35: Arima M, Nakao S, Yamaguchi M, Feng H, Fujii Y, Shibata K, Wada I, Kaizu Y, Ahmadi H, Ishibashi T, Stitt AW, Sonoda KH. Claudin-5 Redistribution Induced by Inflammation Leads to Anti-VEGF-Resistant Diabetic Macular Edema. *Diabetes*. 2020 May;69(5):981-999. doi: 10.2337/db19-1121. Epub 2020 Mar 5. PMID: 32139595.

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37: Roshandel D, Rafati M, Khorami S, Novin Baهران N, Jalali S, Tabatabaie R, Rezai S, Ahmadi H, Ghaffari SR. Rhodopsin gene mutation analysis in Iranian patients with autosomal dominant retinitis pigmentosa. *Int Ophthalmol*. 2019 Nov;39(11):2523-2531. doi: 10.1007/s10792-019-01099-4. Epub 2019 Apr 10. PMID: 30972525.

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39: Katibeh M, Kalantarion M, Sabbaghi H, Mousavi B, Schriver M, Nikkiah H, Ahmadi H, Kallestrup P. Designing a Screening Program for Prevention of Avoidable Blindness in Iran through a Participatory Action Approach. *J Ophthalmic Vis Res*. 2019 Jan-Mar;14(1):52-61. doi: 10.4103/jovr.jovr\_43\_18. PMID: 30820288; PMCID: PMC6388524.

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41: Aboutaleb Kadkhodaeian H, Tiraihi T, Ahmadi H, Ziaei H, Daftarian N, Taheri T. Generation of Retinal Pigmented Epithelium-Like Cells from Pigmented Spheres Differentiated from Bone Marrow Stromal Cell-Derived Neurospheres. *Tissue Eng Regen Med*. 2019 May 3;16(3):253-263. doi: 10.1007/s13770-019-00183-1. PMID: 31205854; PMCID: PMC6542896.

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