

Curriculum Vitae

Aidin Meshksar

Date of birth: 11/12/1989

Department of Ophthalmology

Shiraz University of Medical Sciences, Shiraz, Iran

Email: meshksarai@gmail.com

Education:

Glaucoma fellowship

Shahid Beheshti University of medical sciences (2019-2021) Tehran, Iran

Residency in Ophthalmology (Grade A graduation)

Shiraz University of Medical Sciences (2014-2018) Shiraz, Iran

Doctor of Medicine (MD degree) (Grade A graduation)

Shiraz University of Medical Sciences (2007-2014) Shiraz, Iran

Natural science diploma (Grade A education)

Farzanegan high school of special talents (2003-2007)

Professional Positions and Memberships:

Assistant Professor of Ophthalmology, 2019- Present

Shiraz University of Medical Sciences, Shiraz, Iran

Member of Iranian Society of Ophthalmology, 2019-present

International Council of Ophthalmology (ICO) fellowship training

center host contact since 2016

Member of Iran's National Elite Foundation, 2013- Present

Honors and Certificates:

National Iranian Board of Ophthalmology, 2019

(First degree of written exam and overall 2nd degree of 65th National Board of Ophthalmology)

Certificate of Optics, Refraction and Instruments examination: International Council of Ophthalmology, 2019

Certificate of Visual Sciences examination: International Council of Ophthalmology, 2019

Certificate of Clinical Ophthalmology examination: International Council of Ophthalmology, 2019

Winner of academic award of talented students, national elite foundation 2016

National Scientific Olympiad of medical students (Gold medal of 6th Olympiad in Clinical Judgment Section), Shiraz, Iran, 2014

Passing 1st stage of national Chemistry Olympiad (2002)

Passing 1st stage of national Mathematic Olympiad (2002)

Passing 1st stage of national Physics Olympiad (2002)

Peer-reviewed Publications

1. **Meshksar A**, Masoumpour M, Nowroozzadeh MH, Razeghinejad R. Management of Spherophakia-or Microspherophakia-associated Mild to Moderate Glaucoma with Lensectomy, Anterior Vitrectomy, and Iris-Claw Intraocular Lens Implantation. Journal of Ophthalmic & Vision Research. 2026 Jan 14; 21:10-8502.
2. Azimi A, Attar A, **Meshksar A**, Razmi H, Jalalpour MH, Fathian A, Yarmohammadi A. Short-term effects of Ahmed valve implantation on ocular biometry and corneal biomechanics in neovascular glaucoma. BMC Research Notes. 2025 Jul 1;18(1):256.
3. Pournaghi M, **Meshksar A**, Ashrafi S, Hassanpour K, Mohammad-Rabie H, Yazdani S, Kheiri B, Idani D, Sharifipour F. Effect of cataract surgery on macular and peripapillary optical coherence tomography values. International Ophthalmology. 2025 May 12;45(1):189.
4. Talebnejad MR, Baghban R, Attar A, **Meshksar A**, Bagheri M, Khalili MR. An Update on the Effects and Complications of BoNT-A in the Management of Third, Fourth, and Sixth Nerve Palsies: A Narrative Review. Journal of Ophthalmic & Vision Research. 2025 Jun 24; 20:10-8502.
5. Attar A, **Meshksar A**, Samaeili A. Management of Malignant Glaucoma in a Pseudophakic Silicon Oil-Filled Eye: A case report. Pakistan Journal of Ophthalmology. 2025;41(1).

6. Salouti R, Azimi A, **Meshksar A**, Takapouy R, Ghoreyshi M, Salouti K, et al. Intraocular pressure before and after corneal refractive surgery: a prospective comparison of corvis ST and ocular response analyzer. *Journal of Glaucoma*. 2024;33(10):780-4.
7. Hajizadeh M, **Meshksar A**, Hassanpour K, Rahmani S, Hooshmandi S, Doozandeh A, et al. Expanded Polytetrafluoroethylene Spacer for Nonpenetrating Deep Sclerectomy Combined with Cataract Surgery. *Journal of Current Glaucoma Practice*. 2024;18(2):51.
8. Afarid M, Azimi A, **Meshksar A**, Sanie-Jahromi F. Interferons in vitreoretinal diseases; a review on their clinical application, and mechanism of action. *International Ophthalmology*. 2024;44(1):223.
9. **Meshksar A**, Razeghinejhad MR, Azimi A. Ab-interno Trabeculotomy Procedures: A Review. *Journal of Current Ophthalmology*. 2023;35(2):110-24.
10. Baghban R, Talebnejad MR, **Meshksar A**, Heydari M, Khalili MR. Recent advancements in nanomaterial-laden contact lenses for diagnosis and treatment of glaucoma, review and update. *Journal of Nanobiotechnology*. 2023;21(1):402.
11. Talebnejad MR, Azimi A, Khalili MR, **Meshksar A**. The Role of Trace Elements in Pseudoexfoliation Syndrome: A Cross-sectional Study. *J Ophthalmic Vis Res*. 2021;16(2):165-70.
12. Samaeili A, Rahmani S, Hassanpour K, **Meshksar A**, Ansari I, Afsar-Aski S, et al. A new glaucoma drainage implant with the use of Polytetrafluoroethylene (PTFE). A pilot study. *Rom J Ophthalmol*. 2021;65(2):150-6.
13. Moradi AM, Entezari M, Safarpour MM, **Meshksar A**, Muhammad S, Dehghani M, et al. Liver transplant for metastatic neuroendocrine tumors: a single-center report of 15 cases. *Exp Clin Transplant*. 2021;19:588-91.
14. **Meshksar A**, Hajizadeh M, Sharifipour F, Yazdani S, Pakravan M, Kheiri B. Intraocular Pressure Changes in the Contralateral Eye After Glaucoma Surgery. *Journal of Glaucoma*. 2021;30(12):1074-81.
15. Feizi S, **Meshksar A**, Naderi A, Esfandiari H. Anterior scleritis manifesting after coronavirus disease 2019: a report of two cases. *Cornea*. 2021;40(9):1204-6.
16. Akrami M, **Meshksar A**, Ghoddusi JM, Safarpour M, Tahmasebi S, Zangouri V, et al. Prognostic role of lymphovascular invasion in patients with early breast cancer. *Indian Journal of Surgical Oncology*. 2021;12(4):671-7.
17. Afarid M, **Meshksar A**, Salehi A, Safarpour MM. EVALUATION OF THE EFFECT OF TOPICAL INTERFERON $\alpha 2b$ AS A COMPLEMENTARY TREATMENT OF MACULAR EDEMA OF PATIENTS WITH DIABETIC RETINOPATHY: A Double-Blind Placebo-Controlled Randomized Clinical Trial Study. *RETINA*. 2020;40(5):936-42.
18. **Meshksar A**, Azimi A. Intralenticular cilia following penetrating ocular trauma: a case report. *Iranian Journal of Medical Sciences*. 2019;44(2):176.

19. Karimi M, Eshghi P, Safarpour MM, Haghpanah S, **Meshksar A**, Zahedi Z, et al. Modified Primary Prophylaxis in Previously Untreated Patients With Severe Hemophilia A in Iran. *Journal of Pediatric Hematology/Oncology*. 2018;40(3):188-91.
20. Bamdad S, **Meshksar A**, Safarpour MM. Candida albicans endophthalmitis following penetrating keratoplasty: A case report. *Electron Physician*. 2018;10(1):6215-8.
21. Safarpour MM, Haghpanah S, **Meshksar A**, Karimi M. Phenotype Report on Patients with Congenital Factor V Deficiency in Southern Iran: Recent Ten Years' Experience. *Turk J Haematol*. 2017;34(3):250-3.
22. Karimi M, Safarpour MM, Haghpanah S, **Meshksar A**, editors. Phenotype report on patients with congenital factor V deficiency in Southern Iran. *Haemophilia*; 2016: WILEY-BLACKWELL 111 RIVER ST, HOBOKEN 07030-5774, NJ USA.
23. Karimi M, Eshghi P, **Meshksar A**, Safarpour MM, Haghpanah S, Zahedi Z, et al. Modified primary prophylaxis in previously untreated patients with severe hemophilia A in Iran. *Haemophilia*. 2016;22:73.
24. Karimi M, Safarpour MM, Haghpanah S, **Meshksar A**, Afrasiabi A, Gerdabi J, et al., editors. Genotype and phenotype report on patients with congenital fibrinogen deficiency in south of Iran. *JOURNAL OF THROMBOSIS AND HAEMOSTASIS*; 2015: WILEY-BLACKWELL 111 RIVER ST, HOBOKEN 07030-5774, NJ USA.
25. **Meshksar A**, Yadollahi Khales G, Borhani-Haghighi A. Middle cerebral artery infarction after in vitro fertilization: a case report. *International Journal of Stroke*. 2013;8(5).
26. **Meshksar A**. Professional Positions and Memberships: Assistant Professor of Ophthalmology, 2019-Present: Shiraz University of Medical Sciences, Shiraz, Iran; 2013.
27. Ashkani-Esfahani S, Imanieh MH, Khoshneviszadeh M, **Meshksar A**, Noorafshan A, Geramizadeh B, et al. The healing effect of arnebia euchroma in second degree burn wounds in rat as an animal model. *Iran Red Crescent Med J*. 2012;14(2):70-4.
28. ASHKANI ES, Imanieh MH, **Meshksar A**, Khoshneviszadeh M, Noorafshan A, Geramizadeh B, et al. Enhancement of fibroblast proliferation, vascularization and collagen synthesis in the healing process of third-degree burn wounds by topical arnebia euchroma, a herbal medicine. 2012.
29. Jafari SMS, Ashkani S, Imanieh MH, Khoshneviszadeh M, **Meshksar A**, Noorafshan A, et al., editors. Efficacy of Arnebia euchroma on third degree burn wound healing; based on stereological and pathological analysis. *EUROPEAN JOURNAL OF MEDICAL RESEARCH*; 2011: BIOMED CENTRAL LTD 236 GRAYS INN RD, FLOOR 6, LONDON WC1X 8HL, ENGLAND.

30. ASHKANI S, IMANIEH M, KHOSHNEVISZADEH M, **MESHKSAR A**. POSTER PRESENTATIONS; DOSE DEPENDENT EFFECTS OF THE HERB ARNEBIA EUCHROMA ON EPIDERMAL STEM CELL PROLIFERATION. 2010.
31. Safarpour MM, Haghpanah S, **Meshksar A**, Karimi M. Güney İran'daki Konjenital Faktör V Eksikliği Olan Hastaların Fenotip Özelliklerinin Bildirimi: Son On Yıllık Deneyim.

Thesis with medical students

2022	Changes in macular and peripapillary vessel density measurement using Optical Coherence Tomography Angiography (OCTA) after gonioscopy-assisted transluminal trabeculotomy (GATT) in combination with phacoemulsification	Dr.Pour mehrab S
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Presentations

- **Meshksar A**, Azimi A, Khalili M. Nutritional Deficiency and Pseudoexfoliation Syndrome; A Cross-Sectional Study with a Novel Concept, 26th Annual Congress of the Iranian Society of Ophthalmology.
- **Meshksar A**; Masoumpour M, Nowroozzadeh MH, Razeghinejad MR. Management of Spherophakia-Associated Glaucoma with Lensectomy, Anterior Vitrectomy, and Iris-Claw Lens Implantation. 37th European Society of Cataract & Refractive Surgeons
- Ashkani S, Imanieh MH, Khoshneviszadeh M, **Meshksar A**. Dose Dependent Effects of the Herb Arnebia Euchroma on Epidermal Stem Cell Proliferation. Cell Journal (Yakhteh) 12 (16), 24-24
- Karimi M, Safarpour MM, Haghpanah S, **Meshksar A**, Afrasiabi A, Gerdabi J, Ardeshiri R. (1) report on patients with congenital fibrinogen deficiency in south of Iran. In XXV Congress of the International Society on Thrombosis and Haemostasis (ISTH). Toronto, Canada 2015 Jun 1.
- Ashkani S, Imanieh MH, Khoshneviszadeh M, **Meshksar A**. investigating in vivo effect of arnebia euchroma extract on fungal infection, International medicinal and aromatic symposium 2010

- Ashkani S, Imanieh MH, Khoshneviszadeh M, **Meshksar A**. investigating the toxic effect of cutaneous usage of Arnebia Euchroma on full thickness wounds, International medicinal and aromatic symposium 2010
- Afarid M, **Meshksar A**, Salehi A, Safarpour MM. The effect of topical interferon $\alpha 2b$ as a complementary treatment of diabetic macular edema, 9th EURETINA Congress PARIS
- Azadeh Doozandeh, Farideh Sharifipour, Shahin Yazdani, Kiana Hassanpour, Iman Ansari, Parisa Mohammadi, **Aidin Meshksar**, Maryam Hajizadeh. Second Shunt Surgery versus Tenonectomy in the Patients with Failed Ahmed Glaucoma Valve. The 10th annual meeting of the Iranian research association for vision and ophthalmology, Razi convention center, February 2021

**Chairing/ directing and organizing a scientific meeting/
course/ Symposium/ workshop:**

- Interpretation of Glaucoma Imaging Techniques for Ophthalmology residents, Sinateb, preparation for Ophthalmology board exam 2020
- Clinical Optics Course for Ophthalmology residents 2019
- Anatomy of orbit and physiology of eye structures for educational nursing program Shiraz, Iran, 2019
- Executive member of International Medicinal and Aromatic Plants Symposium 2010 and 2nd Iranian Phytochemistry Seminar, Shiraz, Iran June 21-23, 2010
- Scientific Board of annual meeting of Iranian Research Association for Vision and Ophthalmology (IRAVO). 2021

Symposium and workshops

- USERN Scientific writing workshop, Tehran University of Medical Sciences, Iran 2019
 - 1-day workshop; Facial BTX and Fillers, Shiraz Oculoplastic Congress, Iran 2015
 - Workshop of cardiopulmonary resuscitation, Shiraz University of Medical Sciences, 2011
 - Workshop of medical ethics, Shiraz University of Medical Sciences, 2010
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- Resident as a Teacher Course, Education Development Center, Shiraz University of Medical Sciences, 2014.
 - Navid Language Institute English Course 2007

Working experiences

- Emam Jafar Saadeh hospital (Saadatshar, Fars, Iran) as an Ophthalmologist (2019-2020)
- Imam Khomeini Hospital (Abaadeh, Fars, Iran) as an Ophthalmologist (2019)
- Shiraz University of Medical Sciences (Assistant professor 2019-2020)

Computing skills:

Office, prezi, Endnote, Mendely, SPSS

Language:
Persian, English

Translations:

Nelson Essential of Pediatrics 7th edition (winner of annual collegiate book award, Iran) External disease and cornea, American Academy of Ophthalmology 2018-2019