

## **Curriculum Vitae**

**Aidin Meshksar, MD**  
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 2<sup>nd</sup> degree of 65<sup>th</sup> 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 6<sup>th</sup> Olympiad in Clinical Judgment Section), Shiraz, Iran, 2014

**Passing 1<sup>st</sup> stage of national Chemistry Olympiad (2002)**

**Passing 1<sup>st</sup> stage of national Mathematic Olympiad (2002)**

**Passing 1<sup>st</sup> stage of national Physics Olympiad (2002)**

## **Peer-reviewed Publications**

1. Afarid M, Azimi A, Meshksar A, Sanie-Jahromi F. Interferons in vitreoretinal diseases; a review on their clinical application, and mechanism of action. *Int Ophthalmol.* 2024;44(1):223.
2. 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. *J Curr Glaucoma Pract.* 2024;18(2):51-6.
3. 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. *J Glaucoma.* 2024.
4. 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. *J Nanobiotechnology.* 2023;21(1):402.
5. Meshksar A, Razeghinejad MR, Azimi A. Ab-interno Trabeculotomy Procedures: A Review. *J Curr Ophthalmol.* 2023;35(2):110-24.

6. **Meshksar A**, Hajizadeh M, Sharifipour F, Yazdani SH, Pakravan M and Kheiri B. Intraocular pressure changes in the contralateral eye after glaucoma surgery. *Journal of Glaucoma* 2021; 30 (12): 1074-1081.
7. 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.
8. Akrami M, **Meshksar A**, Ghodduji 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*. 2021:1-7.
9. Moradi AM, Entezari M, Safarpour MM, **Meshksar A**, et al. Liver Transplant for Metastatic Neuroendocrine Tumors: A Single-Center Report of 15 Cases [published online ahead of print, 2019 Oct 11]. *Exp Clin Transplant*. 2021;10.6002/ect.2019.0154. doi:10.6002/ect.2019.0154
10. 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. *Romanian Journal of Ophthalmology*. 2021;65(2):150-6.
11. Taalebnezhad MR, Khalili MR, **Meshksar A**, Azimi A. The role of trace elements in Pseudoexfoliation Syndrome A Cross-Sectional Study. *Journal of Ophthalmic & Vision Research*. 2021; 16 (2), 165
12. 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 May 1;40(5):936-42.
13. **Meshksar A**, Azimi A. Intralenticular Cilia Following Penetrating Ocular Trauma: A Case Report. *Iranian journal of medical sciences*. 2019 Mar;44(2):176
9. Karimi M, Eshghi P, Safarpour MM, Haghpanah S, **Meshksar A**, Zahedi Z, Habibpanah B. Modified primary prophylaxis in previously untreated patients with severe hemophilia A in Iran. *Journal of pediatric hematology/oncology*. 2018 Apr 1;40(3):188-91.

10. Bamdad S, **Meshksar A**, Safarpour MM. Candida albicans endophthalmitis following penetrating keratoplasty: A case report. *Electronic physician*. 2018 Jan;10(1):6215.
11. Azimi A, **Meshksar A**, Panahi Y. A Review on the effect of Sulphur Mustard on gene expression alterations, finding the most important molecular functions using gene set functional enrichment analysis. *IJRMR*. 2018 Aug
12. Safarpour MM, Haghpanah S, **Meshksar A**, Karimi M. Phenotype Report on Patients with Congenital Factor V Deficiency in Southern Iran: Recent Ten Years' Experience. *Turkish Journal of Hematology*. 2017 Sep;34(3):250.
13. Karimi M, Safarpour MM, Haghpanah S, **Meshksar A**. Phenotype report on patients with congenital factor V deficiency in Southern Iran. *Haemophilia*. 2016;22.
14. 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.
15. **Meshksar A**, Khales GY, Borhani-Haghighi A. Middle cerebral artery infarction after in vitro fertilization: a case report. *Int J Stroke*. 2013;8:E26.
16. **Meshksar A**, Yadollahi Khales G, Borhani-Haghighi A. Middle cerebral artery infarction after in vitro fertilization: a case report. *International Journal of Stroke*. 2013 Jul;8(5):E26.
17. Ashkani-Esfahani S, Imanieh MH, **Meshksar A**, Khoshneviszadeh M, Noorafshan A, Geramizadeh B, Ebrahimi S, Handjani F, Nadimi E, Jafari SM. Enhancement of fibroblast proliferation, vascularization and collagen synthesis in the healing process of third-degree burn wounds by topical arnebia euchroma, a herbal medicine. *Galen Medical Journal*. 2013 25;1(2):53-9.
18. Ashkani Esfahani S, Imanieh MH, **Meshksar A**, Khoshneviszadeh M, Noorafshan A, Geramizadeh B, et al. Topical Arnebia euchroma gel enhanced fibroblast proliferation, vascularization and collagen synthesis in the healing process of third degree burn wounds. *Int Res J Pharm Pharmacol*. 2012;2(10).
19. Ashkani-Esfahani S, Imanieh MH, Khoshneviszadeh M, **Meshksar A**, Noorafshan A, Geramizadeh B, Ebrahimi S, Handjani F, Tanideh N. The healing effect of arnebia euchroma in second degree burn wounds in rat as an animal model. *Iranian Red Crescent Medical Journal*. 2012 Feb;14(2):70.

## Thesis with medical students

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❖ 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, 26<sup>th</sup> 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. 37<sup>th</sup> 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  $\alpha 2L$  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 10<sup>th</sup> 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 2<sup>nd</sup> 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

- Resident as a Teacher Course, Education Development Center, Shiraz **August 2024**  
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 7<sup>th</sup> edition (winner of annual collegiate book award, Iran) External disease and cornea, American Academy of Ophthalmology 2018-2019