

Amirmohsen Arbabi

Visa Status: **US Citizen**
Phone Number: **650-276-8248**
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Education Background:

- Tehran University of Medical Sciences, Tehran/Iran, M.D., Graduation Year: November 2012

Academic and Employment Background:

- **Internal Medicine Residency (PGY-2 and PGY-3)** 06/2022-06/2024
Centinela Hospital Medical Center, Los Angeles, CA
- **Preliminary Internal Medicine Residency (PGY-1)** 06/2021-06/2022
St. Clare's Denville Hospital/St. Mary's General Hospital, New Jersey
- **Glaucoma Research Fellow** 07/2020-06/2021
Wills Eye Hospital, Thomas Jefferson University
- **Retinal Gene Therapy Research Fellow** 11/2016-12/2018
Roski Eye Institute, University of Southern California
- **Clinical Observership** 08/01/2016-08/25/2016
Heart and Rhythm Medical Group, San Jose, CA
- **Clinical Observership** 02/10/2016-02/20/2016
Caring Cardiology Medical Group, Laguna Hills, CA
- **ENT Clinical Research Fellow** 03/2015-06/2015
Department of Otolaryngology-Head & Neck Surgery, UC Irvine
- **Family Physician** 2012-2013
Dezful, Iran

Academic Achievements:

- USMLE Step 1: **251**
- USMLE Step 2 CK: **252**
- USMLE Step 2 CS: **Pass, First Attempt**
- USMLE Step 3: **230**

Research Activities:

Peer-Reviewed Journal Articles/Abstracts:

1. **Arbabi A.**, Garg B., Reddy S. M., Patel P.
Chronic Alcoholism and Its Health Implications
Cureus 2023
2. Liu W. W., Petkovesk D., Shalaby W. S., **Arbabi A.**, Moster M. R.
Four-year Surgical Outcomes of Gonioscopy-assisted Transluminal Trabeculotomy in Patients with Open-Angle Glaucoma
Ophthalmology Glaucoma 2023
3. **Arbabi A.**, Bao X., Shalaby W. S., Razeghinejad R.,
Systemic side effects of glaucoma medications
Clinical and Experimental Optometry 2022
4. **Arbabi A.**, Shalaby W. S., Myers J. S., Moster M. R., Razeghinejad R., Katz L. J., Shukla A. G.
Sociodemographic and Economic Factors in Outcomes of Tube Shunts for Neovascular Glaucoma
Association for Research in Vision and Ophthalmology (ARVO) 2021
5. Shalaby W. S., **Arbabi A.**, Myers J. S., Moster M. R., Razeghinejad R., Katz L. J., Shukla A. G.
Sociodemographic and Economic Factors in Outcomes of Tube Shunts for Neovascular Glaucoma
Journal of Current Glaucoma Practice (JOCGP) 2021
6. Shalaby W. S., Lam S. S., **Arbabi A.**, Myers J. S., Moster M. R., Kolomeyer N. N., Razeghinejad R., Shukla A. G., Hussein T. R., Eid T. M., Shalaby S. M., Lee D.
iStent versus iStent inject implantation combined with phacoemulsification in open angle glaucoma
Indian Journal of Ophthalmology (IJO) 2021
7. Shalaby W. S., **Arbabi A.**, Shukla A. G., Razeghinejad R., Lee D., Myers J. S., Kolomeyer N. N.
Early Postoperative Intraocular Pressure Profile after Micropulse Versus Continuous Wave Transscleral Diode Cyclophotocoagulation
American Society of Cataract and Refractive Surgery (ASCRS) 2021
8. Jung E.E., Lin M., Ryu C., Moysidis S.N., Burkemper B., Murgai R., **Arbabi A.**, & Ameri H.
Association of Retinal Ischemia Location with Retinal Neovascularization in Proliferative Diabetic Retinopathy
Journal of Current Ophthalmology (JOCO) 2020
9. Ameri H., Murat C., **Arbabi A.**, Jiang W., Janga S.R., Qin P.Z., & Hamm-Alvarez S.F.
Reduced Expression of *VEGF-A* in Human Retinal Pigment Epithelial Cells and Human Muller Cells Following CRISPR-Cas9 Ribonucleoprotein-Mediated Gene Disruption
Translational Vision Science & Technology (TVST) 2020
10. Ameri H., Murat C., **Arbabi A.**, Jiang W., Janga S.R., Qin P.Z., & Hamm-Alvarez S.H.
CRISPR-Cas9 Mediated *VEGF-A* Gene Editing in Human Retinal Pigment Epithelial Cells and Human Muller Cells
XIXth International Symposium on Retinal Degeneration 2020

11. Mustafi D., **Arbabi A.**, Ameri H., & Palczewski K.
Retinal Gene Distribution and Functionality Implicated in Inherited Retinal Degenerations Can Reveal Disease-Relevant Pathways for Pharmacologic Intervention
Pharmaceuticals 2019
12. **Arbabi A.**, Liu A., & Ameri H.
Gene Therapy for Inherited Retinal Degeneration
Journal of Ocular Pharmacology and Therapeutics (JOPT) 2019
13. **Arbabi A.**, Spee C., Hinton D.R., Qin P.Z., Craft C.M., Hamm-Alvarez S.F., & Ameri H.
CRISPR-Cas9 RNP complex, delivered via lipid nanoparticle, is effective in disruption of *RHO* gene in vitro
Investigative Ophthalmology & Visual Science (IOVS) 2018
14. Ameri H., **Arbabi A.**, Karamian P., & Shahidi M.
Lack of Association Between Fundus Autofluorescence Loss and Retinal Vascular Diameter in Retinitis Pigmentosa
Investigative Ophthalmology & Visual Science (IOVS) 2018
15. Lin M., Moysidis S.N., Burkemper B., Ryu C., Murgai R., **Arbabi A.**, & Ameri H.
Association of Retinal Ischemia with Retinal Neovascularization in Proliferative Diabetic Retinopathy
Investigative Ophthalmology & Visual Science (IOVS) 2018
16. Dehdashti S., Mehdizadeh A., **Arbabi A.**, Pishgah M., & Chaichian S.
Assessment of C-reactive Protein and C3 as Inflammatory Markers of Insulin Resistance in Women with Polycystic Ovary Syndrome: A Case-Control Study
Journal of Reproduction and Infertility 2013

Posters/Poster Presentations:

1. **Arbabi A.**, Garg B., Goodwin L., Patel P.
Conjunctival chemosis (also called “ventilator eye”) as an ocular complication of prone positioning during mechanical ventilation in the intensive care unit
California University of Science and Medicine (CUSM) 2023
2. Garg B., **Arbabi A.**, Van E. T., Patel P.
Bacterial co-infection with community-acquired Methicillin-sensitive *Staphylococcus aureus* (MSSA) in influenza type B pneumonia
California University of Science and Medicine (CUSM) 2023
3. Zamani Z., **Arbabi A.**, Mohan G., Hovhannisyan A.
A Case of sulfonyleurea-induced recurrent and prolonged hypoglycemia in a patient on chronic hemodialysis
California University of Science and Medicine (CUSM) 2023
4. **Arbabi A.**, Shalaby W. S., Myers J. S., Moster M. R., Razeghinejad R., Katz L. J., Shukla A. G.
Sociodemographic and Economic Factors in Outcomes of Tube Shunts for Neovascular Glaucoma
Association for Research in Vision and Ophthalmology (ARVO) 2021
5. Shalaby W. S., **Arbabi A.**, Shukla A. G., Razeghinejad R., Lee D., Myers J. S., Kolomeyer N. N.

Early Postoperative Intraocular Pressure Profile after Micropulse Versus Continuous Wave Transscleral Diode Cyclophotocoagulation

American Society of Cataract and Refractive Surgery (ASCRS), Las Vegas, Nevada 2021

6. **Arbabi A.**, Spee C., Hinton D.R., Qin P.Z., Craft C.M., Hamm-Alvarez S.F., & Ameri H. CRISPR-Cas9 RNP complex, delivered via lipid nanoparticle, is effective in disruption of *RHO* gene in vitro
Association for Research in Vision and Ophthalmology (ARVO), Honolulu, Hawaii 2018
7. Ameri H., **Arbabi A.**, Karamian P., & Shahidi M.
Lack of Association Between Fundus Autofluorescence Loss and Retinal Vascular Diameter in Retinitis Pigmentosa
Investigative Ophthalmology & Visual Science (IOVS) 2018
8. Lin M., Moysidis S.N., Burkemper B., Ryu C., Murgai R., **Arbabi A.**, & Ameri H.
Association of Retinal Ischemia with Retinal Neovascularization in Proliferative Diabetic Retinopathy
Investigative Ophthalmology & Visual Science (IOVS) 2018

Volunteer Works:

1. Taste of Soul, Los Angeles, CA; Providing first aid for festival-related injuries (2022)
2. American Military Museum, South El Monte, CA; Volunteered in a non-profit museum educating the community in American Military History (2019)
3. Saturday Farmers Market Glean, Calabasas, CA; Collected fresh local produce and donated 100% to local hunger-relief agencies (2019)
4. Saturday Farmers Market Glean, Ventura, CA; Collected fresh, local produce that would otherwise go to waste and donated 100% to local hunger-relief agencies (2019)
5. U.S.Vets Homeless Service Center, Los Angeles, CA; Gave out relief aid to our beloved homeless veterans and other beloved homeless peoples living on the Streets of Downtown Los Angeles, CA (2019)
6. Dezful Hospital, Dezful, Iran; Helped disadvantaged patients as a general physician for near two years in rural areas (2012-2013)

Professional Memberships:

- Association for Research in Vision and Ophthalmology (**ARVO**)
- American Medical Association (**AMA**)
- American Heart Association (**AHA**)
- American College of Physicians (**ACP**)

Certifications:

- Educational Commission for Foreign Medical Graduates (**ECFMG**) Issue date: 07/19/2016
- Glaucoma Research Fellow (**Wills Eye Hospital**) Issue date: 06/2021
- Basic Life Support (**BLS**) Expiration date: 07/2024
- Advanced Cardiac Life Support (**ACLS**) Expiration date: 07/2024

- CITI Biomedical Research Certification (**Wills Eye Hospital**) Expiration date: 07/17/2023
- CITI Good Clinical Practice Certification (**Wills Eye Hospital**) Expiration date: 07/19/2023
- Laboratory Safety Certification (**Roski Eye Institute**) Issue date: 12/14/2016
- Bloodborne Pathogens Certification (**Roski Eye Institute**) Issue date: 01/10/2017
- Viral Vector Safety/BSL2+ Certification (**Roski Eye Institute**) Issue date: 01/11/2017
- CITI Human Subject Research Certification (**UC Irvine**) Expiration date: 04/20/2020

Honors/Awards:

- **Chief Resident** of Internal Medicine at Centinela Hospital Medical Center (2022-2023)
- Pre-Medical Internship Comprehensive National Exam: Ranked among the top **TEN** highest-scoring students in the class
- Basic Medical Sciences Comprehensive National Exam: Ranked among the top **FIVE** highest-scoring students in the class
- Sports Olympiad of Medical Students Basketball Championship: Received a **SILVER** medal and placed **FOURTH** two times nationwide

Extracurricular Activities:

- Playing basketball, tennis, and soccer
- Practicing chords and songs on my classic guitar