

Curriculum Vitae

Omar M. Moinuddin, M.D.

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Postdoctoral Training

2023-2025	Vitreoretinal Disease & Surgery	Associated Retinal Consultants/ William Beaumont Hospital	Royal Oak, MI
2020-2023	Ophthalmology & Visual Sciences	University of Michigan W.K. Kellogg Eye Center	Ann Arbor, MI
2019-2020	Medicine Internship	University of Michigan Hospital	Ann Arbor, MI
2018-2019	Postdoctoral Research	University of Michigan W.K. Kellogg Eye Center	Ann Arbor, MI

Education

2014-2018	Doctor of Medicine	Oakland University William Beaumont School of Medicine	Rochester, MI
2009-2012	Bachelor of Science, Biology	Loyola University Chicago	Chicago, IL

Licensure & Board Certification

2025-Present	Medical License	Texas Medical Board
2024-Present	Certified Diplomate	American Board of Ophthalmology

Select Honors & Awards

2022	Distinguished Contributor Award	American Society of Retina Specialists
2021	Top Poster Award	American Society of Retina Specialists
2020	Distinguished Contributor Award	American Society of Retina Specialists
2020	Resident Making a Difference Award	University of Michigan Hospital
2019	Advances in Pediatric Retina Travel Grant	National Eye Institute
2019	Coats' Disease Foundation Travel Grant	Jack McGovern Coats' Disease Foundation
2018	Postdoctoral Scholarship Award	International Retinal Research Foundation
2012	Phi Beta Kappa Honor Society	Loyola University Chicago
2012	Graduation Distinction, Magna cum laude	Loyola University Chicago
2010	College of Arts & Sciences Dean's List	Loyola University Chicago

Select Publications

1. **Omar Moinuddin,*** Magnani JE,* Mercy Pawar, Sathrasala S, McCaffery H, Vartanian RJ, Besirli CG. Quantitative analysis of tear angiogenic factors in retinopathy of prematurity: a pilot biomarker study. *J AAPOS*. 2022 Dec 26;S1091-8531(22)00799-6. doi: 10.1016/j.jaapos.2022.10.007. PMID: 36581150.
2. **Moinuddin O**, Khandwala NS, Young KZ, Sathrasala S, Barmada SJ, Albin RL, Besirli CG. Role of Optical Coherence Tomography in Identifying Retinal Biomarkers in Frontotemporal Dementia: A Review. *Neurol Clin Pract*. 2021 Aug;11(4):e516-e523. doi: 10.1212/CPJ.0000000000001041. PMID: 34484950.
3. **Moinuddin O**, Abuzaitoun RO, Hwang MW, Sathrasala S, Chen XD, Stein JD, Johnson MW, Zacks DN, Wubben TJ, Besirli CG. Surgical Repair of Primary Non-Complex Rhegmatogenous Retinal Detachment in the Modern Era of Small-Gauge Vitrectomy. *BMJ Open Ophthalmol*. 2021 Feb 25;6(1):e000651. doi: 10.1136/bmjophth-2020-000651. PMID: 33718613.
4. **Moinuddin O**, Sathrasala S, Jayasundera KT, Branham KH, Chang EY, Qian CX, Recchia FM, Fahim AT, Besirli CG. Coats-like Exudative Vitreoretinopathy in Retinitis Pigmentosa: Ocular Manifestations and Treatment Outcomes. *Ophthalmol Retina*. 2021 Jan;5(1):86-96. doi: 10.1016/j.oret.2020.03.026. Epub 2020 Apr 9. PMID: 32507488.
5. **Moinuddin O**, Rao P, Wood EH, Stem MS, Drenser KA, Wolfe JD. The presence of Wnt signaling mutations in patients with diabetic retinopathy. *Journal of VitreoRetinal Diseases*. 2020;4(1):28–35.
6. Wood EH, **Moinuddin O**, Rao P, Drenser KA, Trese MT, Capone A Jr. Surgical Management of Suprachoroidal Hemorrhage in Younger Patients. *Ophthalmic Surg Lasers Imaging Retina*. 2019 Jul 1;50(7):454-458. doi: 10.3928/23258160-20190703-08. PMID: 31344246.
7. Dedania VS, **Moinuddin O**, Lagrou LM, Sathrasala S, Cord Medina FM, Del Monte MA, Chang EY, Bohnsack BL, Besirli CG. Ocular Manifestations of Cutis Marmorata Telangiectatica Congenita. *Ophthalmol Retina*. 2019 Sep;3(9):791-801. doi: 10.1016/j.oret.2019.03.025. Epub 2019 May 1. PMID: 31147303.
8. Ozgonul C, **Moinuddin O**, Munie M, Lee MS, Bhatti MT, Landau K, Van Stavern GP, Mackay DD, Lebas M, DeLott LB, Cornblath WT, Besirli CG. Management of Peripapillary Choroidal Neovascular Membrane in Patients With Idiopathic Intracranial Hypertension. *J Neuroophthalmol*. 2019 Dec;39(4):451-457. doi: 10.1097/WNO.0000000000000781. PMID: 30951011.
9. Stem MS, **Moinuddin O**, Kline N, Thanos A, Rao P, Williams GA, Hassan TS. Outcomes of Anti-Vascular Endothelial Growth Factor Treatment for Choroidal Neovascularization in Fellow Eyes of Previously Treated Patients With Neovascular Age-Related Macular Degeneration. *JAMA Ophthalmol*. 2018 Jul 1;136(7):820-823. doi: 10.1001/jamaophthalmol.2018.1534. PMID: 29800991.
10. **Moinuddin O**, Wubben TJ, Zacks DN, Besirli CG. When and How to Use Pneumatic Retinopexy. *EyeNet*. 2019;06:31-33.

Select Invited Presentations

1. **Moinuddin O**, Saleem Z, Elias BM, Abuzaitoun R, Page T Jr, Gao MA, Begaj T, Trese MGJ, Weiner AJ, Randhawa S, Faia LJ, Wolfe JD, Drenser KA, Dass AB, Ruby AJ, Mahmoud TH, Hassan TS, Garretson BR, Williams GA, Capone A Jr. Outcomes of Primary Scleral Buckle Repair in the Modern Management of Non-Complex Rhegmatogenous Retinal Detachment. *Retina Society Annual Meeting*; September 10, 2024. Lisbon, PT.
2. **Moinuddin O**, Abuzaitoun RO, Hwang MW, Sathrasala S, Chen XD, Stein JD, Johnson MW, Zacks DN, Wubben TJ, Besirli CG. Outcomes of Modern Pars Plana Vitrectomy in the Management of Non-Complex Rhegmatogenous Retinal Detachment. *Retina World Congress 2022*; May 15, 2022. Fort Lauderdale, FL.
3. **Moinuddin O**, Sathrasala S, Jayasundera KT, Branham KH, Chang EY, Qian CX, Recchia FM, Fahim AT, Besirli CG. Exudative Vitreoretinopathy in Retinitis Pigmentosa – Genetics and Treatment Outcomes. *International Society for Genetic Eye Diseases and Retinoblastoma Ophthalmic Genetics Study Club Annual Meeting*; November 14, 2020. Virtual platform.
4. **Moinuddin O**, Sathrasala S, Jayasundera KT, Branham KH, Chang EY, Qian CX, Recchia FM, Fahim AT, Besirli CG. Patient Outcomes in Coats'-like Retinitis Pigmentosa. *Advances in Pediatric Retina 2019*; June 14, 2019. Salt Lake City, UT.

Professional Memberships

American Society of Retina Specialists
American Academy of Ophthalmology
Association for Research in Vision and Ophthalmology