The Keeler Lecture 2015

Professor Michael F. Marmor
M.D

Michael F. Marmor, M.D. is Professor and Past Chair of Ophthalmology at the Stanford University School of Medicine. He graduated from Harvard College and Harvard Medical School, and spent 3 years at the National Institute of Health studying basic neurophysiology. His ophthalmology residency was at Massachusetts Eye and Ear Infirmary. After residency he joined the faculty at the University of California, San Francisco for one year, and then moved to Stanford. He has been there since 1974, where he not only works in the School of Medicine, but also teaches undergraduates in the Program in Human Biology and is an Affiliate of the Stanford Center in Biomedical Ethics.

He is a leading scholar in retinal physiology, clinical electrophysiology and diseases of retinal function with a major current interest in the nature and management of hydroxychloroquine
retinopathy. He has been primary author in developing international standards for the electroretinogram (ERG) and related tests. In a similar capacity he has been primary author of the American Academy of Ophthalmology recommendations for screening of hydroxychloroquine retinopathy (with a new version in process). He has written extensively about retinitis pigmentosa and related diseases, uses of the ERG and other tests, and about the physiology of the retinal pigment epithelium including mechanisms of retinal attachment and fluid transport.

He is also a leader in exploring the interface of vision and eye disease with the arts history, and has developed techniques for simulating the altered vision of artists with eye disease. He endowed a Marmor Lecture at the annual AAO meeting, to bring cultural diversion into the conference, and is also an organizer of the annual history symposia at that meeting. He is History Editor for Survey of Ophthalmology, and author of their TimeOph column of poetry and diversions. He has written several books, including two editions of The Retinal Pigment Epithelium, and more than 300 papers, not only about retina but also about art, history, music and sports. His most recent book, The Artist's Eyes (2009, with James G. Ravin, M.D.), explores the relationship of vision and eye disease to art.