



Miltiadis K. Tsilimbaris, MD

Professor of Ophthalmology
School of Medicine
University of Crete
Email: tsilimb@med.uoc.gr
Tel: +302810392351
Lab web page:
<http://www.ivo.gr/tsilimbaris/tsilibaris/tsilibaris.html>

Education

1987 BS in Medicine (University of Patras, Greece)
1994 PhD in Medicine (University of Crete, Greece)

Residency

1990 – 1994 University Eye Clinic of Heraklion, Greece

Subbaticals

2000 Mass. Eye and Ear Infirmary, Harvard University, USA
2019 University Hospital of Geneva, Switzerland

Clinical Interests

Vitreoretinal Surgery
Medical Retina and Inherited retinal diseases

Research Interests

Research (main areas)

- Drug therapy for retinal diseases (17 publications in PubMed peer-reviewed journals)
- Study of ocular PDT. Alternative applications. (15 publications in PubMed peer-reviewed journals. One patent.)
- Scleral rigidity and its correlation with eye disease (10 publications in PubMed peer-reviewed journals. One patent)
- Ophthalmic Imaging (15 publications in PubMed peer-reviewed journals)
- Vision metrics and psychophysics (8 publications in PubMed peer-reviewed journals. One copyright)
- Global Burden of Disease. Member of the multinational group involved in the GBD project of Washington University (15+ publications in PubMed peer-reviewed journals)

Administrative posts

Professor of Ophthalmology
Director of the University Eye Clinic of Heraklion
President of the Scientific Committee, University Hospital of Heraklion
Past Director of the Laboratory of Optics and Vision

Funding

Funds (during the last 15 years)

- National Funding (General Secretariat of Research and Technology etc)
- European Funding
- Industry

- University of Crete Research Account

Published work (as of December 2023)

Articles in PubMed: 203

Citations (Google Scholar): 73.003

H-Index (Google Scholar): 49

Recent Publications (Last 10 years)

Blazaki S, Blavakis E, Chlouverakis G, Bontzos G, Chatziralli I, Smoustopoulos G, Dimitriou E, Stavrakakis A, Kabanarou S, Xirou T, Vavvas DG, Tsilimbaris MK. Evolution of macular atrophy in eyes with neovascular age-related macular degeneration compared to fellow non-neovascular eyes. *Graefes Arch Clin Exp Ophthalmol.* 2023 Dec;261(12):3425-3436.

Tzagournissakis M, Foukarakis E, Samonakis D, Tsilimbaris M, Michaelidou K, Mathioudakis L, Marinis A, Giannakoudakis E, Spanaki C, Skoula I, Erimaki S, Amoiridis G, Koutsis G, Koukouraki S, Stylianou K, Plaitakis A, Mitsias PD, Zaganas I. High Hereditary Transthyretin-Related Amyloidosis Prevalence in Crete: Genetic Heterogeneity and Distinct Phenotypes. *Neurol Genet.* 2022 Sep 9;8(5):e200013.

Tsika C, Tzatzarakis MN, Antimisiaris SG, Tsoka P, Efstathopoulos P, Charalampopoulos I, Gravanis A, Tsilimbaris MK. Quantification of BNN27, a novel neuroprotective 17-spiroepoxy dehydroepiandrosterone derivative in the blood and retina of rodents, after single intraperitoneal administration. *Pharmacol Res Perspect.* 2021 Apr;9(2):e00724.

Giarmoukakis AK, Blazaki SV, Bontzos GC, Plaka AD, Seliniotakis KN, Ioannidi LD, Tsilimbaris MK. Efficacy of Topical Nepafenac 0.3% in the Management of Postoperative Cystoid Macular Edema. *Ther Clin Risk Manag.* 2020 Nov 6;16:1067-1074.

Blazaki S, Pachis K, Tzatzarakis M, Tsilimbaris M, Antimisiaris SG. Novel Liposome Aggregate Platform (LAP) system for sustained retention of drugs in the posterior ocular segment following intravitreal injection. *Int J Pharm.* 2020 Feb 25;576:118987.

Gleni A, Ktistakis E, Tsilimbaris MK, Simos P, Trauzettel-Klosinski S, Plainis S. Assessing Variability in Reading Performance with the New Greek Standardized Reading Speed Texts (IReST). *Optom Vis Sci.* 2019 Oct;96(10):761-767.

Tsoka P, Matsumoto H, Maidana DE, Kataoka K, Naoumidi I, Gravanis A, Vavvas DG, Tsilimbaris MK. Effects of BNN27, a novel C17-spiroepoxy steroid derivative, on experimental retinal detachment-induced photoreceptor cell death. *Sci Rep.* 2018 8(1):10661.

Blazaki S, Tsika C, Tzatzarakis M, Naoumidi E, Tsatsakis A, Tsatsanis C, Tsilimbaris MK. Pharmacokinetics and efficacy of intraocular flurbiprofen. *Graefes Arch ClinExpOphthalmol.* 2017 Dec;255(12):2375-2380

Pachis K, Blazaki S, Tzatzarakis M, Klepetsanis P, Naoumidi E, Tsilimbaris M, Antimisiaris SG. Sustained release of intravitreal flurbiprofen from a novel drug-in-liposome-in-hydrogel formulation. *Eur J Pharm Sci.* 2017 109:324-333.

Tserevelakis GJ, Avtzi S, Tsilimbaris MK, Zacharakis G. Delineating the anatomy of the ciliary body using hybrid optical and photoacoustic imaging. *JBiom Opt.* 2017 22(6):60501.

GBD 2015 DALYs and HALE Collaborators. Global, regional, and national disability-adjusted life-years (DALYs) for 315 diseases and injuries and healthy life expectancy (HALE), 1990-2015: a systematic analysis for the Global Burden of Disease Study. *Lancet.* 2016 388(10053):1603-1658.

