

# CURRICULUM VITAE

**SOTIRIA PALIOURA, MD, MSc, PhD, FEBO, CEBT**

*Cornea and External Disease Specialist*

Tel. +30 698 580 2355, +1 203 606 1629

Email: sotiria.palioura@gmail.com, sxp3131@med.miami.edu

## Academic Appointments

- 10/2020 – present      **Department of Ophthalmology, Maimonides University of Buenos Aires**, Buenos Aires, Argentina  
*Visiting Professor of Ophthalmology*
- 10/2019 – present      **Department of Ophthalmology, Yale School of Medicine**, New Haven, CT  
*Adjunct Assistant Professor of Ophthalmology*
- 07/2015 – present      **Bascom Palmer Eye Institute/Anne Bates Leach Eye Hospital**, Miami, FL  
*Voluntary Assistant Professor; University of Miami, Miller School of Medicine*
- 07/2014 – 07/2015      **Bascom Palmer Eye Institute/Anne Bates Leach Eye Hospital**, Miami, FL  
*Instructor; University of Miami, Miller School of Medicine*

## Appointments at Hospitals/Affiliated Institutions

- 12/2020 – present      **Hygeia Hospital**, Athens, Greece  
*Attending Surgeon, Ophthalmology*
- 09/2019 – present      **MITERA Hospital**, Athens, Greece  
*Attending Surgeon, Ophthalmology*
- 07/2014 – present      **Bascom Palmer Eye Institute/Anne Bates Leach Eye Hospital**, Miami, FL  
*Attending Surgeon, Ophthalmology*
- 07/2014 – present      **University of Miami Hospital**, Miami, FL  
*Associate Surgeon, Ophthalmology*
- 07/2014 – present      **Sylvester Comprehensive Cancer Center**, University of Miami Health System, Miami, FL  
*Clinical Associate/Ophthalmology Staff*

## Other Professional Positions

- 10/2020 – present      **OMMA Ophthalmic Surgery Unit**, Athens, Greece  
*Cornea & Ocular Surface Disease Specialist*
- 01/2020 – present      **Alcon S.A.**, Geneva, Switzerland

*Medical Affairs Associate for Europe, Middle East & Asia*

- 08/2019 – 12/2019      **Alcon S.A.**, Athens, Greece  
*Medical Affairs Associate for Greece*
- 01/2017 – 09/2020      **Athens Vision Eye Institute**, Athens, Greece  
*Cornea and Ocular Surface Disease Specialist*
- 09/2016 – 02/2019      **Hellenic Eye Bank “Gregory Georgariou”**, National Center for Scientific Research “Demokritos”, Athens, Greece  
*Medical Director*

**Volunteer Activities**

- 03/2018 – present      **Project Layali**, Athens, Greece  
Social entrepreneurs for the integration of women refugees in the Greek society  
*Board member*
- 09/2017 – present      **Medicins du Monde - Greece**, Athens, Greece  
Non-profit global care organization that assists with the refugee crisis  
*Ophthalmologist*
- 09/2017 – present      **Yale Alumni Schools Committee – Greek Chapter**, Athens, Greece  
Connects alumni volunteers with applicants to Yale College for evaluative admissions interviews  
*Interviewer*
- 01/2017 – present      **Yale School of Medicine Women’s Alumnae – Student Mentorship Program**, New Haven CT, USA  
Connects women alumni volunteers with current students at the Yale School of Medicine in a mentorship relationship  
*Mentor*
- 01/2017 – present      **Association of Yale Alumni in Medicine Mentoring Program**, New Haven CT, USA  
Connects medicine alumni volunteers with current students at the Yale School of Medicine in a mentorship relationship  
*Mentor*
- 05/2016 – 02/2019      **The Visionaries**, Athens, Greece  
Volunteer group to promote eye/cornea and organ donation in Greece (EyeD App in OIS and Android; <https://www.facebook.com/Visionaries>)  
*Team Leader*

**Licensure and Certification**

- 05/2018 – present      Fellow of the European Board of Ophthalmology

05/2018 – present Certified by the European Board of Ophthalmology

03/2016 – present Fellow of the American Academy of Ophthalmology

04/2016 – present Certified Eye Bank Technician by the Eye Bank Association of America

02/2016 – present Certified by the Hellenic Board of Medicine, Athens, Greece

10/2015 – present Certified by the American Board of Ophthalmology

07/2014 – present Florida Medical License by the Florida Board of Medicine

07/2011 – 06/2014 Massachusetts Limited Medical License by the Massachusetts Board of Medicine

06/2010 – 06/2011 New York State Limited Medical License by the New York State Board of Medicine

### **Clinical Training**

07/2014 – 07/2015 **Bascom Palmer Eye Institute/Anna Bates Leach Eye Hospital**, Miami, FL  
*Fellowship in Cornea & External Disease*; University of Miami, Miller School of Medicine

07/2014 – 08/2016 **Florida Lions Eye Bank, Bascom Palmer Eye Institute**, Miami, FL  
*Training in Eye Banking*; University of Miami, Miller School of Medicine

07/2011 – 07/2014 **Massachusetts Eye & Ear Infirmary**, Boston, MA  
*Ophthalmology Residency*; Department of Ophthalmology, Harvard Medical School

06/2010 – 06/2011 **Memorial Sloan-Kettering Cancer Center**, New York, NY  
*Transitional Year Internship*, Department of Medicine; Performance Improvement Award

### **Education**

03/2019 – 12/2019 **Harvard T.H. Chan School of Public Health**, Boston, MA  
Principles and Practice of Clinical Research/Biostatistics  
Instructor in charge: Dr. Felipe Fregni

09/2003 – 05/2010 **Yale University M.D./Ph.D. Program**, New Haven, CT  
*Medical Doctor (M.D.) Cum Laude* (distinction awarded to the top 5% of the graduating class), Yale University School of Medicine  
*Doctor of Philosophy (Ph.D.)*, Yale University Graduate School of Arts & Sciences, Department of Molecular Biophysics & Biochemistry

Dissertation Thesis: “RNA-Dependent Selenocysteine Biosynthesis in Eukaryotes and Archaea”. Under the guidance of Drs. Dieter Söll and Thomas A. Steitz, the 2009 Nobel Laureate in Chemistry  
*Master of Philosophy (M.Phil.)*, Yale University Graduate School of Arts & Sciences

09/1999 – 05/2003

**Yale University**, New Haven, CT, USA  
4-year combined *Bachelor of Science (B.Sc.) & Master of Science (M.Sc.)* in Molecular Biophysics & Biochemistry; *Magna cum Laude & Distinction in the Major*; elected in Phi Beta Kappa Honor Society  
Master’s Thesis: “Production and Incorporation of Mischarged Aminoacyl-tRNAs into *Escherichia coli* Proteins *in Vivo*”; Thesis Advisor: Dr. Dieter Söll

09/1996 – 06/1999

**1<sup>st</sup> Lyceum of Lamia**, Lamia, Greece  
*High School Diploma*, Valedictorian (1<sup>st</sup> out of 163 students), Highest Honors

## Teaching Experience

10/2020 – present

**Private Practice**, Athens, Greece  
Clinical and surgical instructor and research mentor for ophthalmology residents and medical students from Greece and the United States (Bascom Palmer Eye Institute, Yale School of Medicine)

01/2017 – present

**Department of Ophthalmology, University of Athens**, Athens, Greece  
Lecturer in didactic sessions for ophthalmology residents

01/2017 – present

**Department of Ophthalmology, University of Thessaly**, Larisa, Greece  
Lecturer in didactic sessions for ophthalmology residents

01/2017 – 09/2020

**Athens Vision Eye Institute**, Athens, Greece  
Research mentor for graduating Greek medical students and ophthalmology residents

01/2017 – 09/2017

**Athens Vision Eye Institute**, Athens, Greece  
Clinical and surgical instructor for the “Gregory Georgariou” Clinical Fellow in Ophthalmology

2014 – present

**Bascom Palmer Eye Institute**, University of Miami Miller School of Medicine, Miami, FL  
Clinical and surgical instructor for Residents, Clinical Fellows, Research Fellows and Medical Students in Ophthalmology

2007 – 2008

**Yale University Graduate School of Arts & Sciences**, New Haven, CT  
Laboratory project supervisor for undergraduate students, Advisor in charge: Dr. Dieter Söll

09/2006 – 12/2006

**Yale University Graduate School of Arts & Sciences**, New Haven, CT

Teaching Assistant for Biochemistry Course “Medical Impact of Basic Science”, Instructor in charge: Dr. Lynne Regan

- 09/2004 – 05/2005      **Yale University School of Medicine**, New Haven, CT  
Anatomy Teaching Program for high school students, Instructor in charge:  
Dr. William Stewart
- 09/2001 – 12/2001      **Yale College**, New Haven, CT  
DEMOS volunteering chemistry program for elementary school students

### **Honors & Awards**

- 2020    Best Surgical Video Award at the 36th Annual Congress of the Hellenic Society of Intraocular Implant and Refractive Surgery, Athens, Greece
- 2019    Clinical Research Scholar Award from the Principles & Practice of Clinical Research Course at the Harvard T.H. Chan School of Public Health
- 2019    Best Surgical Video Award at the 52nd Annual Congress of the Hellenic Ophthalmological Society, Athens, Greece
- 2015    The Eye Bank Association of America Travel Grant
- 2015    The “Spyros Georgaras” fellowship from the Hellenic Society of Intraocular Implant and Refractive Surgery
- 2014    The Claes Dohlman Fellowship Award from the Claes Dohlman Society and the Harvard Medical School Cornea Center of Excellence
- 2014    Ophthalmology Resident Excellence Award by the Association of Cataract and Refractive Surgery (ASCRS) Foundation
- 2013    Participant in the Heed Ophthalmic Foundation Residents Retreat 2013
- 2013    Best Resident Research Award in Cornea and Refractive Surgery by the Harvard Medical School Cornea Center of Excellence
- 2013    The New England Ophthalmological Society Best Scientific Poster Award
- 2012    The Massachusetts Eye & Ear Infirmary Alumni Meeting Award for Best Poster Presentation in Clinical Research
- 2012    The ARVO Foundation for Eye Research/Retina Research Foundation/Joseph M. and Eula C. Lawrence Travel Grant
- 2011    Performance Improvement Award in Recognition to Commitment for Improving Patient Care from Memorial Sloan-Kettering Cancer Center

- 2010 The MD/PhD Thesis Prize from Yale University School of Medicine
- 2010 The Farr Scholar Excellence in Research Award from the Yale University School of Medicine
- 2009 Graduate Affiliate for the Yale World Fellows Program 2009
- 2007 Selected to participate in the 57th Lindau Meeting of Nobel Laureates (Physiology or Medicine), July 2007, Lindau, Germany
- 2007 The Marcopoulos Scholarship from the New England Hellenic Medical and Dental Society
- 2007 Excellence in Teaching Award from the Department of Molecular Biophysics and Biochemistry, Yale University
- 2007 The Robert Macnab Memorial Prize for the Best Research Project from the Department of Molecular Biophysics & Biochemistry, Yale University
- 2003 Elected in Phi Beta Kappa (ΦBK) Honor Society

## **Societies**

- 2017 – present European Society of Cornea Specialists (EuCornea)
- 2016 – present Hellenic Ophthalmological Society
- 2016 – present Medical Society of Athens, Greece
- 2015 – present European Society of Cataract and Refractive Surgery (ESCRS)
- 2015 – present Hellenic Society of Intraocular Implant and Refractive Surgery
- 2014 – present International Society of Refractive Surgery
- 2014 – present Florida Medical Association
- 2013 – present American Society of Cataract and Refractive Surgery (ASCRS)
- 2013 – present American Society of Cornea Specialists (Cornea Society)
- 2011 – present American Academy of Ophthalmology (AAO)
- 2011 – present Association for Research in Vision and Ophthalmology (ARVO)
- 2011 – present Massachusetts Medical Society
- 2010 – present American College of Physicians and Surgeons
- 2010 – present The Hellenic Medical Society of New York
- 2008 – present New England Hellenic Medical and Dental Society
- 2004 – present American Physician Scientists Association
- 2004 – present American Medical Association (AMA)
- 2003 – present Phi Beta Kappa Honor Society (ΦBK)

## **Editorial Activities**

### ***Ad hoc Reviewer***

- American Journal of Ophthalmology
- Journal of Cataract and Refractive Surgery
- British Journal of Ophthalmology
- Journal of Refractive Surgery
- Cornea

Clinical Ophthalmology  
Journal of Ophthalmology  
Survey of Ophthalmology  
PLoS One  
FEBS Letters  
BMC Ophthalmology  
Expert Review in Ophthalmology  
Digital Journal of Ophthalmology  
International Journal of Molecular Sciences  
Journal of Clinical Medicine  
International Journal of Environmental Research and Public Health  
British Medical Journal Open Ophthalmology  
Brazilian Archives of Ophthalmology

**Guest Editor**

Journal of Ophthalmology

**Grant Review Activities**

Reviewer for the Polish National Science Center

**Scientific Advisory Boards**

European Commission, EU Horizon 2020 Research Initiative, Project SHAPES (Smart & Healthy Ageing through People Engaging in Supportive Systems): <https://cordis.europa.eu/project/id/857159> & <https://shapes2020.eu/>

*Board member*

**Peer Reviewed Publications** (\* indicates co-first author)

1. Kounatidou, N., **Palioura, S.** (2021) An update in the management of ocular surface squamous neoplasia. *Expert Review of Ophthalmology (in press)*
2. Naoum, P., **Palioura, S.**, Naoum, V., Nomikos, N., Bachtalia, K., Zisis, K., Athanasakis, K., Kyriopoulos, J. (2021) Cost-benefit analysis of single versus repeated use of single-use devices in cataract surgery. *Clinical Ophthalmology* 15:1491-1501.
3. Bachtalia, K., Plakitsi, A., Charonis, A., Charonis, G., Kyroudis, D., **Palioura, S.** (2021) Compensatory corneal epithelial thickness changes after myopic photorefractive keratectomy imaged with ultra high resolution anterior segment optical coherence tomography. *Journal of Clinical and Experimental Ophthalmology* S12:002.
4. **Palioura, S.**, Tsiampali, C., Dubovy, S.R., Yoo, S.H. (2020) Endothelial biopsy for the diagnosis and management of culture-negative retrocorneal fungal keratitis with the assistance of OCT imaging. *Cornea (in press)*
5. Venkateswaran, N., Klavdianou, O., Kondylis, G., Kosmidis, I., **Palioura, S.** (2020) Paraneoplastic pemphigus associated with bilateral corneal perforations in follicular dendritic cell sarcoma. *Ocular Immunology and Inflammation* 13:1-3.
6. Gkiala, A., **Palioura, S.** (2020) Conjunctival melanoma: update on genetics, epigenetics and targeted molecular and immune-based therapies. *Clinical Ophthalmology* 14:3137-3152.

7. **Palioura, S.**, Vingopoulos, F., Likht, N., Piedra, C.M., Fout-Caraza, E., Dubovy, S.R., Karp, C.L. (2020) Endothelial cell loss in cornea grafts from donors who sustained gunshot wound to the head or airbag deployment in a motor vehicle accident. *Cornea (in press)*
8. Laura, D.M., Gkiala, A., Charonis, G., **Palioura, S.** (2020) Intraocular invasion of ocular surface squamous neoplasia through a corneal wound. *Ophthalmology & Therapy* 9(4):1083-1088.
9. Lu, L., **Palioura, S.** (2020) Management of stromal herpes simplex virus keratitis with epithelial ulceration using optical coherence tomography-generated corneal thickness maps. *Cornea* 39(12):1566-1570.
10. Vingopoulos, F., Karagiannis, T., **Palioura, S.** (2020) Bilateral interstitial keratitis, erythema nodosum and atrial fibrillation as presenting signs of polyarteritis nodosa. *American Journal of Ophthalmology Case Reports* 21;18:100619. doi: 10.1016/j.ajoc.2020.100619.
8. Tsigkos, D., Tzelepi, A., Kopsini, D., Manolakou, D., Konistis, E., **Palioura, S.** (2020) Interactive online survey raises awareness about cornea donation. *British Medical Journal Open Ophthalmology* 4;5(1):e000285. doi: 10.1136/bmjophth-2019-000285.
9. Venkateswaran, N., Amescua, G., **Palioura, S.** (2020) Perioperative management of dense cataracts. *International Ophthalmology Clinics* 60(3):51-60.
10. Klavdianou, O., Kondylis, G., Georgopoulos, V., **Palioura, S.** (2019) Bilateral benign reactive lymphoid hyperplasia of the conjunctiva: a case treated with oral doxycycline and review of the literature. *Eye and Vision* 6:26.
11. Marmalidou, A., **Palioura, S.**, Dana, R., Kheirkhah, A. (2019) Medical and surgical management of conjunctivochalasis. *The Ocular Surface* 17(3):393-399.
12. Georgoudis, P., Sabatino, F., Szentmary, N., **Palioura, S.**, Fodor, E., Hamada, S., Scholl, H.P.N., Gatziofias, Z. (2019) Ocular mucous membrane pemphigoid: current state of pathophysiology, diagnostics and treatment. *Ophthalmology & Therapy*. 8(1):5-17.
13. Kondylis, G., Klavdianou, O., **Palioura, S.** (2019) Multifocal and extended depth of focus intraocular lenses. *Annals of Eye Science* 4:5.
14. Gatziofias, Z., Hamada, S., **Palioura, S.** (2018) Ocular surface disease: advances in diagnostics and therapeutics. Editorial. *Journal of Ophthalmology* 6342130. doi: 10.1155/2018/6342130.
15. **Palioura, S.**, Relhan, N., Leung, E., Chang, V., Yoo, S.H., Dubovy, S.R., Flynn H.W. Jr. (2018) Delayed-onset *Candida parapsilosis* cornea tunnel infection and endophthalmitis after cataract surgery: histopathology and clinical course. *American Journal of Ophthalmology Case Reports* 11:109-114.
16. **Palioura, S.**, Gibbons, A., Miller, D., O'Brien, T.P., Alfonso, E.C., Spierer, O. (2018) Clinical features, antibiotic susceptibility profile, and outcomes of infectious keratitis caused by *Stenotrophomonas maltophilia*. *Cornea* 37(3):326-330.
17. **Palioura, S.**, Kymionis, G. (2018) Corneal neovascularization in childhood keratitis. *Expert Review of Ophthalmology* 12(5):387-394.
18. **Palioura, S.**, Sivaraman, K., Joag, M., Sise, A., Batlle, J.F. Jr., Miller, D., Espana, E.M., Amescua, G., Yoo, S.H., Galor, A., Karp, C.L. (2018) Fungal endophthalmitis after Descemet Stripping Automated Endothelial Keratoplasty due to endogenously infected grafts from the same donor. *Cornea* 37(4):515-518.
19. Vavvas, D.G., Dryja, T.P., Wilson, M.E., Olsen, T.W., Shah, A., Jurkunas, U., Pineda, R., Poulaki, V., **Palioura, S.**, Veldman, P., Tsilimbaris, M., Rhee, D., Colby, K., Hunter, D.G., Thanos, S., Sakamoto, T., Pasquale, L.R., Miller, J.W., Vanderveen, D., Lambert, S.R. (2018) Doubts about spontaneous lens regeneration after cataract surgery. *Nature* 556(7699):E2-E3. doi: 10.1038/nature26149.



20. Yim, M., Galor, A., Nanji, A., Joag, M., **Palioura, S.**, Feuer, W., Karp, C.L. (2018) Ability of novice clinicians to interpret high resolution optical coherence tomography for ocular surface lesions. *Canadian Journal of Ophthalmology* 53(2):150-154.
21. **Palioura, S.**, Colby, K. (2017) Outcomes of Descemet Stripping Endothelial Keratoplasty (DSEK) using Eye Bank-prepared pre-loaded grafts. *Cornea* 36(1):21-25.
22. Sayed-Ahmed, I.O., **Palioura, S.**, Galor, A., Karp, C.L. (2017) Diagnosis and medical management of conjunctival squamous neoplasia. *Expert Review of Ophthalmology* 12(1):11-19.
23. Kohanim, S.\*, **Palioura, S.\***, Saeed, HN.\*, Akpek, E.K., Amescua, G., Basu, S., Blomquist, P.H., Bouchard, C.S., Dart, J.K., Gai, X., Gomes, J.A., Gregory, D.G., Iyer, G., Jacobs, D.S., Johnson, A.J., Kinoshita, S., Mantagos, I.S., Mehta, J.S., Perez, V.L., Pflugfelder, S.C., Sangwan, V.S., Sippel, K.C., Sotozono, C., Srinivasan, B., Tan, D.T., Tandon, R., Tseng, S.C., Ueta, M., Chodosh, J. (2016) Acute and chronic ophthalmic involvement in Stevens-Johnson Syndrome/Toxic Epidermal Necrolysis – A comprehensive review and guide to therapy. II. Ophthalmic Disease *The Ocular Surface* 14(2):168-88.
24. **Palioura, S.**, Henry, C.R., Amescua, G., Alfonso, E.C. (2016) Role of steroids in the treatment of bacterial keratitis. *Clinical Ophthalmology* 10:179-86.
25. Atallah, M., **Palioura, S.**, Perez, V.L., Amescua, G. (2016) Limbal stem cell transplantation: current perspectives. *Clinical Ophthalmology* 10:593-602.
26. Yesilirmak, N.\*, **Palioura, S.\***, Culbertson, W., Yoo, S.H., Donaldson, K. (2016) Intraoperative wavefront aberrometry for toric intraocular lens placement in eyes with a history of refractive surgery. *Journal of Refractive Surgery* 32(1):69-70.
27. Kohanim, S.\*, **Palioura, S.\***, Saeed, HN.\*, Akpek, E.K., Amescua, G., Basu, S., Blomquist, P.H., Bouchard, C.S., Dart, J.K., Gai, X., Gomes, J.A., Gregory, D.G., Iyer, G., Jacobs, D.S., Johnson, A.J., Kinoshita, S., Mantagos, I.S., Mehta, J.S., Perez, V.L., Pflugfelder, S.C., Sangwan, V.S., Sippel, K.C., Sotozono, C., Srinivasan, B., Tan, D.T., Tandon, R., Tseng, S.C., Ueta, M., Chodosh, J. (2016) Stevens-Johnson Syndrome/Toxic Epidermal Necrolysis - A comprehensive review and guide to therapy. I. Systemic Disease. *The Ocular Surface* 14(1):2-19.
28. Kontadakis, G., **Palioura, S.**, Yoo, S. (2015) Wave-like interface opacities after Descemet stripping automated endothelial keratoplasty: 7 year follow-up. *Eye and Contact Lens* 43(4):e13-e15.
29. Galor, A., Garg, N., Nanji, A., Joag, M., Nuovo, G., **Palioura, S.**, Wang, G., Karp, C.L. (2015) Human papillomavirus infection does not predict response to interferon therapy in ocular surface squamous neoplasia. *Ophthalmology* 122(11):2210-5.
30. **Palioura, S.**, Nikpoor, N., Yoo, S. (2015) Molluscum contagiosum: chronic conjunctivitis and “warts”. *JAMA Ophthalmology* 133(9):1083-4.
31. **Palioura, S.**, Galor, A., Karp, C.L. (2014) Management of ocular surface tumors: excision vs. topical treatment. *Panamerican Journal of Ophthalmology* 13:86-89.
32. **Palioura, S.**, Elliott, D. (2013) Traumatic endophthalmitis, retinal detachment, and metallosis after intraocular foreign body injuries. *International Ophthalmology Clinics* 53:93-104.
33. **Palioura, S.**, Piris, A., Chodosh, J. (2013) Sweet’s syndrome: conjunctivitis, fever and tender skin nodules. *Archives in Ophthalmology* 131:791.
34. **Palioura, S.**, Kim, B., Dohlman, C.H., Chodosh, J. (2013) The Boston Keratoprosthesis type I in mucous membrane pemphigoid. *Cornea* 32:956-61.
35. **Palioura, S.**, Jakobiec, F.A., Zakka, F.R., Iwamoto, M. (2013) Pleomorphic adenoma (formerly chondroid syringoma) of the eyelid margin with a pseudocystic appearance. *Surveys in Ophthalmology* 58:486-91.

36. **Palioura, S.**, Chodosh, J., Pineda, R. (2012) A novel approach to the management of a progressive Descemet's membrane tear in a patient with keratoglobus and acute hydrops. *Cornea* 32:355-8.
37. **Palioura, S.**, Gobin, Y.P., Brodie, S.E., Marr, P.B., Dunkel, I.J., Abramson, D.H. (2012) Ophthalmic artery chemosurgery for the management of retinoblastoma in eyes with extensive (>50%) retinal detachment. *Pediatric Blood & Cancer* 59:859-64.
38. Abramson, D.H., Marr, P.B., Brodie, S.E., Dunkel, I.J., **Palioura, S.**, Gobin, Y.P. (2012) Ophthalmic artery chemosurgery for less advanced intraocular retinoblastoma: five year review. *PLoS One* 7:e34120.
39. Hohn, M.J., **Palioura, S.**, Su, D., Yuan, J., Söll, D. (2011) Genetic analysis of selenocysteine biosynthesis in the archaeon *Methanococcus maripaludis*. *Molecular Microbiology* 81:249-58.
40. **Palioura, S.**, Herkel, J., Simonović, M., Lohse, A., Söll, D. (2010) Human SepSecS or SLA/LP: selenocysteine formation and autoimmune hepatitis. *Biological Chemistry* 391:771-6.
41. Yuan, J., Hohn, M.J., Sherrer, R.L., **Palioura, S.**, Su, D., Söll, D. (2010) A tRNA-dependent cysteine biosynthesis enzyme recognizes the selenocysteine-specific tRNA in *Escherichia coli*. *FEBS Letters* 584:2857-61.
42. Yuan, J., O'Donoghue, P., Ambrogelly, A., Gundllapalli, S., Sherrer, R.L., **Palioura, S.**, Simonović, M., Söll, D. (2010) Distinct genetic code expansion strategies for selenocysteine and pyrrolysine are reflected in different aminoacyl-tRNA formation systems. *FEBS Letters* 584:342-49.
43. **Palioura, S.**, Sherrer, R.L., Steitz, T.A., Söll, D., Simonović, M. (2009) The human SepSecS-tRNA<sup>Sec</sup> complex reveals the mechanism of selenocysteine formation. *Science* 325:321-325.
44. Aeby, E., **Palioura, S.**, Pusnik, M., Marazzi, J., Lieberman, A., Ullu, E., Söll, D., Schneider, A. (2009) The canonical pathway for selenocysteine insertion is dispensable in Trypanosomes. *Proceedings of the National Academy of Science USA* 106:5088-92.
45. Ruan, B.\*, **Palioura, S.\***, Sabina, J., Marvin-Guy, L., Kochhar, S., LaRossa R.A., Söll, D. (2008) Quality control despite mistranslation caused by an ambiguous genetic code. *Proceedings of the National Academy of Science USA* 105:16502-7.
46. Su, D., Hohn, M.J., **Palioura, S.**, Sherrer, R.L., Yuan, J., Söll, D., O'Donoghue, P. (2008) How an obscure archaeal gene inspired the discovery of selenocysteine biosynthesis in humans. *IUBMB Life* 61:35-9.
47. Araiso, Y.\*, **Palioura, S.\***, Ishitani, R., Sherrer, R. L., Yuan, J., Oshikane, H., Domae, N., DeFranco, J., Söll, D., Nureki, O. (2008) Structural insights into RNA-dependent eukaryal and archaeal selenocysteine formation. *Nucleic Acids Research* 36:1187-99.
48. Ambrogelly, A., **Palioura, S.**, Söll, D. (2007) Natural expansion of the genetic code. *Nature Chemical Biology* 3:29-35.
49. Yuan, J.\*, **Palioura, S.\***, Salazar, J.C., Su, D., O'Donoghue, P., Hohn, M.J., Cardoso, A.M., Whitman, W.B., Söll, D. (2006) RNA-dependent conversion of phosphoserine forms selenocysteine in eukaryotes and archaea. *Proceedings of the National Academy of Science USA* 103:18923-18927.
50. Sauerwald, A., Zhu, W., Major, T.A., Roy, H., **Palioura, S.**, Jahn, D., Whitman, W.B., Yates, J.R. 3rd, Ibbá, M., Söll, D. (2005) RNA-dependent cysteine biosynthesis in archaea. *Science* 307:1969-72.
51. Stathopoulos, C., Kim, W., Li, T., Anderson, I., Deutsch, B., **Palioura, S.**, Whitman, W.B., Söll, D. (2001) Cysteinyl-tRNA synthetase is not essential for viability of the archaeon *Methanococcus maripaludis*. *Proceedings of the National Academy of Science USA* 98:14292-14297.

## Books

1. **Palioura, S.** (2014) RNA-dependent selenocysteine biosynthesis in eukaryotes and archaea. Scholar Press, Saarbrücken, Germany.
2. **Palioura, S.** (2011) RNA-dependent selenocysteine biosynthesis in eukaryotes and archaea. ProQuest, UMI Dissertation Publishing, Ann Arbor, MI, USA.

## Book Chapters

1. Gkiala, A., **Palioura, S.** (2020) Conjunctival Tumors. In *Digital Bibliography at the University of Buenos Aires Master's in Ophthalmology*, ed. Chiarada, P. Buenos Aires, Argentina.
2. **Palioura, S.**, Alfonso, E.C. (2018) Chapter 3. Classic signs, symptoms, classification and differential diagnosis of pterygium. In *Pterygium Surgery*, ed. Gulani, A.C. Thieme Publishers, New York, NY, USA.
3. **Palioura, S.**, Amescua, G. (2017) Chapter 9. Environmental impact on dry eye disease. In *Dry Eye Disease: An Up-to-Date Practical Guide*, eds. Mah, F., Rhee, M. Slack Inc Publishers, Thorofare, NJ, USA.
4. Perez, V.L., **Palioura, S.**, Kim, S. (2016) Ocular graft-versus-host disease. In *Cornea*, eds. Mannis, M., Holland, E. Elsevier Publishers, London, United Kingdom.
5. Yoo, S.H., **Palioura, S.**, Diakonis, V.F. (2015) IOL refractive surprises. In *Intraocular Lens Surgery: Selection, Complications, and Complex Cases*, eds. Randleman, B., Ahmed, I., Thieme Medical Publishers, New York, NY, USA.
6. **Palioura, S.**, Ginat, D.T., Ashrafzadeh, A., Chodosh, J. (2014) Imaging after cornea surgery. In *Post-treatment Imaging of the Orbit*, eds. Ginat, D.T., Freitag, S., Springer Science, Heidelberg, Germany.
7. **Palioura, S.**, Ginat, D.T., Farrokh-Siar, L., Yanoga, F., Chodosh, J. (2014) Imaging after cataract and intraocular lens implant surgery. In *Post-treatment Imaging of the Orbit*, eds. Ginat, D.T., Freitag, S., Springer Science, Heidelberg, Germany.
8. **Palioura, S.**, Chodosh, J. (2013) Keratoprosthesis. In *Expert Techniques in Ophthalmic Surgery*, eds. Spaeth, G., Ichhpujani, P., and Yanoff, M. JP Medical Publishers, London, UK.
9. **Palioura, S.**, Poulaki, V. (2013) Black Spots in the Fundus. In *Decision Making in Ophthalmology*, JP Medical Publishers, London, UK.
10. **Palioura, S.**, Chodosh, J. (2013) Boston Keratoprosthesis Type II: indications, techniques, outcomes, and management. In *Keratoprotheses and Artificial Corneas: Fundamentals and Surgical Applications*, eds. Cortina, S., de la Cruz, J., Springer Science, Heidelberg, Germany.
11. **Palioura, S.**, Vavvas, D. (2012) Neuroprotection in glaucoma. In *Glaucoma: Basic and Clinical Findings*, ed. Rumelt, S. InTech, Rijeka, Croatia.
12. Polycarpo, C., Sheppard, K., Randau, L., Ambrogelly, A., Cardoso, A.M., Fukai, S., Herring, S.C., Hohn, M., Nakamura, Y., Oshikane, H., **Palioura, S.**, Salazar, J.C., Yuan, J., Nureki, O., Söll, D. (2007) Features of aminoacyl-tRNA synthesis unique to archaea. In *Archaea: Molecular and Cellular Biology* eds. Cavicchioli, R., ASM Press, Washington, D.C., USA.

## Invited Talks

1. **Palioura, S.** (2021) Malignant Conjunctival Tumors. *International Ocular Oncology Conference*, Bucharest, Romania.
2. **Palioura, S.** (2020) Ocular Surface Tumors. *OftalmoCordoba International Ophthalmology Meeting*, Cordoba, Argentina.
3. **Palioura, S.** (2020) Conjunctival Pigmented Lesions. *The Argentinian Council of Ophthalmology Webinar on “New Frontiers in Ocular Oncology”*, Buenos Aires, Argentina.
4. **Palioura, S.** (2019) Cost-Benefit Analysis of Single Versus Repeated Use of Medical Devices in Cataract Surgery. *The 2019 Alcon Innovative Technology Summit*, Athens, Greece.
5. **Palioura, S.** (2019) Challenging Dry Eye Cases. *The 2019 Biannual Meeting of the Hellenic Ocular Surface and Dry Eye Society*, Athens, Greece.
6. **Palioura, S.** (2019) Conjunctival Pigment: Should I Worry? *The 2019 Controversies in Ophthalmology Annual Meeting*, Thessaloniki, Greece.
7. **Palioura, S.** (2019) Clinical Questions in Ophthalmology - Cornea. *Annual Meeting of the Ophthalmological Society of Central Greece*, Larisa, Greece.
8. **Palioura, S.** (2019) Keratoconus Screening Algorithms: Topography, Tomography and Biomechanics. *University of Thessaly Department of Ophthalmology Resident Education Rounds*. Larisa, Greece.
9. **Palioura, S.** (2019) The AAO 2019 Update in Cornea & External Diseases. *Best of the American Academy of Ophthalmology Meeting 2019*, Athens, Greece.
10. **Palioura, S.** (2019) The role of Demodex in Ocular Rosacea. *Best of the American Academy of Ophthalmology Meeting 2019*, Athens, Greece.
11. **Palioura, S.** (2019) Ophthalmic Manifestations of Skin Diseases. *The 52nd Annual Congress of the Hellenic Ophthalmological Society*, Athens, Greece.
12. **Palioura, S.** (2019) Diagnosis and Management of Ocular Surface Tumors. *University of Thessaly Department of Ophthalmology Resident Education Rounds*. Larisa, Greece.
13. **Palioura, S.** (2019) Update on Keratoconus Imaging and Screening Algorithms: Topography, Tomography and Biomechanics. *The 1st EnVision Summit*. San Juan, Puerto Rico.
14. **Palioura, S.** (2019) Introduction to Cornea Transplantation. *Resident Lecture Series at the University of Athens Ophthalmology Clinic of Attikon Hospital*, Athens, Greece.
15. **Palioura, S.** (2018) The Best Publications in Cornea & External Disease in 2018. *The Annual Ophthalmorama Meeting by the Hellenic Ophthalmological Society*, Athens, Greece.
16. **Palioura, S.** (2018) The AAO 2018 Update in Cornea & External Diseases. *Best of the American Academy of Ophthalmology Meeting 2018*, Athens, Greece.
17. **Palioura, S.** (2018) Topography, Tomography & Biomechanics in Keratoconus. *Resident Lecture Series at the University Ophthalmology Clinic of «G.Gennimatas» Hospital*, Athens, Greece.
18. **Palioura, S.** (2018) Approach to Diagnosis and Management of Ocular Surface Lesions. *Master’s in Optometry Lecture Series, University of West Attica*, Athens, Greece.
19. **Palioura, S.** (2018) Technological Advances in Phacoemulsification. *Annual Meeting of the Hellenic College of Ophthalmology*, Athens, Greece.
20. **Palioura, S.** (2018) Ocular Manifestations of Autoimmune Diseases. *The 8th Annual Congress of the Hellenic Society for Autoimmune and Rheumatic Diseases*, Larisa, Greece
21. **Palioura, S.** (2018) Keratoconus Genetics – Present and Future. *World Ophthalmology Congress*, Barcelona, Spain.

22. **Palioura, S.** (2018) Diagnostic Approach and Therapeutic Management of Ocular Surface Neoplasia. *The 51st Annual Congress of the Hellenic Ophthalmological Society*, Thessaloniki, Greece.
23. **Palioura, S.** (2018) Corneal Ectatic Disorders. *Resident Lecture Series by the Hellenic Ophthalmological Society*, Athens, Greece.
24. **Palioura, S.** (2018) Cornea Imaging Beyond Tomography. *The 32nd International Congress of the Hellenic Society of Intraocular Implant and Refractive Surgery*, Athens, Greece.
24. **Palioura, S.** (2018) Keratoconus Screening Algorithms – Topography, Tomography & Biomechanics. *The 32nd International Congress of the Hellenic Society of Intraocular Implant and Refractive Surgery*, Athens, Greece.
25. **Palioura, S.** (2018) Topical Chemotherapy for Ocular Surface Squamous Neoplasia. *The 32nd International Congress of the Hellenic Society of Intraocular Implant and Refractive Surgery*, Athens, Greece.
26. **Palioura, S.** (2018) What is New in Pterygium Surgery. *The 32nd International Congress of the Hellenic Society of Intraocular Implant and Refractive Surgery*, Athens, Greece.
27. **Palioura, S.** (2018) Approach to Bacterial Cornea Infections According to the Steroids for Corneal Ulcers Trial. *Clinical Update by the Hellenic Ophthalmological Society*, Athens, Greece.
28. **Palioura, S.** (2018) Practical Approach to Cornea Infections. *University of Thessaly Department of Ophthalmology Resident Education Rounds*, Larisa, Greece.
29. **Palioura, S.** (2017) Multicenter Clinical Trials in Cornea & External Diseases. *Best of the American Academy of Ophthalmology Meeting 2017*, Athens, Greece.
30. **Palioura, S.** (2017) The AAO 2017 Update in Cornea & External Diseases. *Best of the American Academy of Ophthalmology Meeting 2017*, Athens, Greece.
31. **Palioura, S.** (2017) Limbal Stem Cell Deficiency: The Role of Simple Limbal Epithelial Transplantation. *Yale Department of Ophthalmology Grand Rounds*, New Haven, CT, USA.
32. **Palioura, S.** (2017) Etiopathogenesis and Diagnosis of Ocular Surface Tumors. *Yale Department of Ophthalmology Resident Rounds*, New Haven, CT, USA.
33. **Palioura, S.** (2017) Approach to the «Red Eye» or Not Another Red Eye. *13th Top-10 on Infections*, Errikos Ntyan Hospital Department of Infectious Diseases, Athens, Greece.
34. **Palioura, S.** (2017) Etiopathogenesis and Diagnosis of Ocular Surface Tumors. *The 8th EuCornea Congress of the European Society of Cornea and Ocular Surface Disease Specialists*, Lisbon, Portugal.
35. **Palioura, S.** (2017) Amniotic Membrane: How and When to Use it. *The Semi-Annual Meeting of the Hellenic Ophthalmological Society*, Ermioni, Greece.
36. **Palioura, S.** (2017) Topographic and Tomographic Screening Algorithms for the Diagnosis of Keratoconus. *Annual Imaging Conference of the Hellenic Society of Intraocular Implant and Refractive Surgery*, Athens, Greece.
37. **Palioura, S.** (2017) What is New in Pterygium Surgery. *Bascom Palmer Eye Institute's Interactive Consultations in Cornea and Refractive Surgery*, Miami, FL, USA.
38. **Palioura, S.** (2017) Amniotic Membrane: from Procurement to Clinical Uses. *The 50th Annual Congress of the Hellenic Ophthalmological Society*, Rhodes, Greece.
39. **Palioura, S.** (2017) Topographic and Tomographic Screening Algorithms for the Diagnosis of Keratoconus. *The 50th Annual Congress of the Hellenic Ophthalmological Society*, Rhodes, Greece.
40. **Palioura, S.** (2017) Is There Stem Cell Deficiency? Approach to Diagnosis. *The 31st International Congress of the Hellenic Society of Intraocular Implant and Refractive Surgery*, Athens, Greece.

41. **Palioura, S.** (2017) OCT-guided Approach to Diagnosis of Ocular Surface Squamous Neoplasia. *The 31st International Congress of the Hellenic Society of Intraocular Implant and Refractive Surgery*, Athens, Greece.
42. **Palioura, S.** (2017) Wet Lab Instruction Course: Procurement of Corneoscleral Rims for Residents. *The 31st International Congress of the Hellenic Society of Intraocular Implant and Refractive Surgery*, Athens, Greece.
43. **Palioura, S.** (2017) Emergency Cornea Cases. *The 31st International Congress of the Hellenic Society of Intraocular Implant and Refractive Surgery*, Athens, Greece.
44. **Palioura, S.** (2017) SLET: Simple Limbal Epithelial Transplantation. *The 31st International Congress of the Hellenic Society of Intraocular Implant and Refractive Surgery*, Athens, Greece.
45. **Palioura, S.** (2017) Ocular Surface Tumors: Diagnosis and Management. *University Ophthalmology Service, General Hospital of Athens «G. Gennimatas»*, Athens, Greece.
46. **Palioura, S.** (2017) Principles of Eye Banking. *Department of Ophthalmology, National and Kapodistrian University of Athens, General Hospital of Athens «G. Gennimatas»*, Athens, Greece.
47. **Palioura, S.** (2016) Optical Coherence Tomography-Guided Diagnosis of Ocular Surface Tumors. *Best of the American Academy of Ophthalmology Meeting 2016*, Athens, Greece.
48. **Palioura, S.** (2016) Slit Lamp Biomicroscopy Principles of Grading Corneal Grafts. *The 1st Hellenic Eye Banking Training Seminar*, National Centre for Scientific Research “Demokritos”, Athens, Greece.
49. **Palioura, S.** (2016) The Role of the Procurement Teams in Eye Banking. *The 1st Hellenic Eye Banking Training Seminar*, National Centre for Scientific Research “Demokritos”, Athens, Greece.
50. **Palioura, S., Amescua, G.** (2016) Simple Limbal Epithelial Transplantation. *Cornea Day at the American Society of Cataract and Refractive Surgery (ASCRS) Annual Meeting*, New Orleans LA, USA.
51. **Palioura, S.** (2016) The Role of Corticosteroids in Bacterial Keratitis. *Bascom Palmer Eye Institute’s Interactive Consultations in Cornea and Refractive Surgery*, Miami, FL, USA.
52. **Palioura, S.** (2016) A Case of Conjunctival Lymphoma. *Bascom Palmer Eye Institute’s Interactive Consultations in Cornea and Refractive Surgery*, Miami, FL, USA.
53. **Palioura, S.** (2015) Toric Intraocular Lenses for Keratoconus. *The 29th International Congress of the Hellenic Society of Intraocular Implant and Refractive Surgery*, Athens, Greece.
54. **Palioura, S.** (2015) Yet Another Corneal Ulcer...A Case of Severe *Acanthamoeba* keratitis. *Bascom Palmer Eye Institute’s Challenging Encounters in the Anterior Segment*, Miami, FL, USA.
55. **Palioura, S., Söll, D.** (2014) Selenocysteine Biosynthesis and Human Disease: New Insights. *The 25th International tRNA Conference*, Kyllini, Greece.
56. **Palioura, S., Söll, D.** (2010) Selenocysteine Biosynthesis and Human Disease. *The 9th International Symposium on Selenium in Biology and Medicine*, Kyoto, Japan.
57. **Palioura, S.** (2010) The 21st Amino Acid, Selenocysteine, and Autoimmune Hepatitis. *Plenary Scientific Session at Yale University School of Medicine*, New Haven, CT, USA.
58. **Palioura, S., Söll, D.** (2008) RNA-dependent Formation of Selenocysteine. *The 8th International Conference on Aminoacyl-tRNA Synthetases: From Basic Mechanisms to Systems Biology*, Veyrier du Lac, France.
59. **Palioura, S., Söll, D.** (2006) Selenocysteine Biosynthesis in Archaea. *The 6th International Conference on Aminoacyl-tRNA Synthetases: From the Genetic Code to Human Diseases and Medicine*, San Diego, CA, USA.

## Oral Presentations/Conference Abstracts

1. **Palioura, S.**, Tsiampali, Ch., Dubovy, S.R., Yoo, S.H. (2021) Endothelial biopsy for the diagnosis and management of culture-negative retrocorneal fungal keratitis with the assistance of OCT imaging. *The 25<sup>th</sup> Winter Meeting of the European Society of Cataract and Refractive Surgery*, Athens, Greece.
2. Gkiala, A., Laura, D.M., Charonis, G., **Palioura, S.** (2020) A curious case of a membranous structure in the anterior chamber; approach to diagnosis and management. *The 53rd Annual Congress of the Hellenic Ophthalmological Society*, Thessaloniki, Greece.
3. Kondylis, G., Klavdianou, O., **Palioura, S.** (2020) Bilateral progressive keratoconus, severe pectus excavatum, and generalized musculoskeletal dystrophy. *The 11th Annual EuCornea Congress*, Amsterdam, The Netherlands.
4. Gkiala, A., Laura, D.M., Charonis, G., **Palioura, S.** (2020) A curious case of a membranous structure in the anterior chamber; approach to diagnosis and management. *The 38th Annual Congress of the European Society of Cataract and Refractive Surgery*, Amsterdam, The Netherlands.
5. Kondylis, G., Klavdianou, O., **Palioura, S.** (2020) Bilateral progressive keratoconus, severe pectus excavatum, and generalized musculoskeletal dystrophy. *The 38th Annual Congress of the European Society of Cataract and Refractive Surgery*, Amsterdam, The Netherlands.
6. Gkiala, A., Laura, D.M., **Palioura, S.** (2020) A curious case of a membranous structure in the anterior chamber; approach to diagnosis and management. *The 34th International Congress of the Hellenic Society of Intraocular Implant and Refractive Surgery*, Athens, Greece.
7. Kondylis, G., Klavdianou, O., **Palioura, S.** (2020) Bilateral progressive keratoconus, severe pectus excavatum, and generalized musculoskeletal dystrophy. *The 34th International Congress of the Hellenic Society of Intraocular Implant and Refractive Surgery*, Athens, Greece.
8. Klavdianou, O., Kondylis, G., Georgopoulos, V., **Palioura, S.** (2020) Bilateral benign reactive lymphoid hyperplasia of the conjunctiva treated with oral doxycycline. *The 34th International Congress of the Hellenic Society of Intraocular Implant and Refractive Surgery*, Athens, Greece.
9. Venkateswaran, N., Klavdianou, O., Kondylis, G., Kosmidis, I., **Palioura, S.** (2019) Bilateral spontaneous corneal perforations in a patient with follicular dendritic cell sarcoma and distant history of paraneoplastic pemphigus. *Pan-American Ocular Inflammatory Disease Society (SPEIO) Annual Meeting*, San Francisco, California, USA.
10. **Palioura, S.**, Relhan, N., Leung, E., Chang, V., Yoo, S.H., Dubovy, S.R., Flynn, H.W. Jr. (2019) Delayed-onset *Candida parapsilosis* cornea tunnel infection and endophthalmitis after cataract surgery: histopathology and clinical course. *The 37th Annual Congress of the European Society of Cataract and Refractive Surgery*, Paris, France.
11. **Palioura, S.**, Relhan, N., Leung, E., Chang, V., Yoo, S.H., Dubovy, S.R., Flynn, H.W. Jr. (2019) Delayed-onset *Candida parapsilosis* cornea tunnel infection and endophthalmitis after cataract surgery: histopathology and clinical course. *The XVI Bi-annual Aegean Retina Meeting*, Mykonos, Greece.
12. **Palioura, S.**, Relhan, N., Leung, E., Chang, V., Yoo, S.H., Dubovy, S.R., Flynn, H.W. Jr. (2019) Delayed-onset *Candida parapsilosis* cornea tunnel infection and endophthalmitis after cataract surgery: histopathology and clinical course. *The 52nd Annual Congress of the Hellenic Ophthalmological Society*, Athens, Greece.
13. Klavdianou, O., Kondylis, G., Georgopoulos, V., **Palioura, S.** (2019) Bilateral benign reactive lymphoid hyperplasia of the conjunctiva treated with oral doxycycline. *The 52nd Annual Congress of*

- the Hellenic Ophthalmological Society, Athens, Greece.*
14. Kondylis, G., Klavdianou, O., **Palioura, S.** (2019) Bilateral progressive keratoconus, severe pectus excavatum, and generalized musculoskeletal dystrophy. *The 52nd Annual Congress of the Hellenic Ophthalmological Society, Athens, Greece.*
  15. Klavdianou, O., Venkateswaran, N., Kondylis, G., Kosmidis, I., **Palioura, S.** (2019) Bilateral spontaneous corneal perforations in a patient with follicular dendritic cell sarcoma and distant history of paraneoplastic pemphigus. *The 52nd Annual Congress of the Hellenic Ophthalmological Society, Athens, Greece.*
  16. Kopsini, D., Zozolou, M., Kyroudis, D., **Palioura, S.** (2018) Refractive surgery outcomes in patients with hypermetropic anisometropic amblyopia. *The 36th Annual Congress of the European Society of Cataract and Refractive Surgery, Vienna, Austria.*
  17. **Palioura, S.**, Gibbons, A., Crane, A.M., Alfonso, E.C. (2018) Ramon Castroviejo does it again! Semi-autologous corneal transplantation with simultaneous bilateral surgery. *The XIV Aegean Cornea Meeting, Mykonos, Greece.*
  18. Kopsini, D., Zozolou, M., Kyroudis, D., **Palioura, S.** (2018) Refractive surgery outcomes in patients with hypermetropic anisometropic amblyopia. *The XIV Aegean Cornea Meeting, Mykonos, Greece.*
  19. Vingopoulos, F., **Palioura, S.** (2018) Bilateral episcleritis, erythema nodosum and atrial fibrillation. *The XIV Aegean Cornea Meeting, Mykonos, Greece.*
  20. Bachtalia, K., Plakitsi, A., Charonis, A., Charonis, G., Kyroudis, D., **Palioura, S.** (2018) Changes in corneal epithelial thickness profile measured with anterior segment optical coherence tomography after PRK. *The XIV Aegean Cornea Meeting, Mykonos, Greece.*
  24. **Palioura, S.**, Tsiampali, C., Yoo, S.H. (2018) Anterior segment OCT and endothelial biopsy to the rescue! *The 51st Annual Congress of the Hellenic Ophthalmological Society, Thessaloniki, Greece.*
  25. **Palioura, S.**, Gibbons, A., Miller, D., O'Brien, T., Alfonso, E.C. (2018) Clinical features, antibiotic susceptibility profile and outcomes of infectious keratitis caused by *Stenotrophomonas maltophilia*. *The 32nd International Congress of the Hellenic Society of Intraocular Implant and Refractive Surgery, Athens, Greece.*
  26. Kopsini, D., Zozolou, M., Kyroudis, D., **Palioura, S.** (2018) Refractive surgery outcomes in patients with hypermetropic anisometropic amblyopia. *The 32nd International Congress of the Hellenic Society of Intraocular Implant and Refractive Surgery, Athens, Greece.*
  27. Tzelepi, A., Tsigkos, D., Kopsini, D., Manolakou, D., Konistis, E. **Palioura, S.** (2017) Awareness and beliefs regarding cornea donation in Greece. *The 31st International Congress of the Hellenic Society of Intraocular Implant and Refractive Surgery, Athens, Greece.*
  28. **Palioura, S.**, Gibbons, A., Miller, D., O'Brien, T., Alfonso, E.C. (2017) Clinical features, antibiotic susceptibility profile and outcomes of infectious keratitis caused by *Stenotrophomonas maltophilia*. *The 50th Annual Congress of the Hellenic Ophthalmological Society, Rhodes, Greece.*
  29. Tsigkos, D., Tzelepi, A., Kopsini, D., Manolakou, D., Konistis, E. **Palioura, S.** (2017) Awareness and beliefs regarding cornea donation in Greece. *The 50th Annual Congress of the Hellenic Ophthalmological Society, Rhodes, Greece.*
  30. **Palioura, S.**, Sivaraman, K.R., Sise, A., Batlle, J.F., Miller, D., Amescua, G., Karp, C.L. (2016) Fungal endophthalmitis after Descemet Stripping Automated Endothelial Keratoplasty due to endogenously infected grafts from the same donor. *The Aegean Cornea XIII Meeting, Chania, Greece.*
  31. **Palioura, S.**, Galor, A., Garg, N., Nanji, A., Joag, M., Nuovo, G., Wang, G., Karp, C.L. (2016) Human papillomavirus infection does not predict response to interferon therapy in ocular surface squamous



- neoplasia. *The 49th Annual Congress of the Hellenic Ophthalmological Society*, Thessaloniki, Greece.
32. **Palioura, S.**, Sivaraman, K.R., Sise, A., Batlle, J.F., Miller, D., Amescua, G., Karp, C.L. (2015) Fungal endophthalmitis after Descemet Stripping Automated Endothelial Keratoplasty due to endogenously infected grafts from the same donor. *The 49th Annual Meeting of the Ocular Microbiology and Immunology Group (OMIG)*, Las Vegas, NV, USA.
  33. **Palioura, S.**, Colby, K. (2015) Outcomes of Descemet Stripping Endothelial Keratoplasty (DSEK) using Eye Bank-prepared pre-loaded grafts. *The 33rd Annual Congress of the European Society of Cataract and Refractive Surgery (ESCRS)*, Barcelona, Spain.
  34. **Palioura, S.**, Colby, K. (2015) Outcomes of Descemet Stripping Endothelial Keratoplasty (DSEK) using Eye Bank-prepared pre-loaded grafts. *Eye Bank Association of America Annual Meeting (EBAA)*, Atlanta, GA, USA.
  35. **Palioura, S.**, Colby, K. (2015) Outcomes of Descemet Stripping Endothelial Keratoplasty (DSEK) using Eye Bank-prepared pre-loaded grafts. *World Cornea Congress*, San Diego, CA, USA.
  36. **Palioura, S.**, Colby, K. (2015) Outcomes of Descemet Stripping Endothelial Keratoplasty (DSEK) using Eye Bank-prepared pre-loaded grafts. *The 29th International Congress of the Hellenic Society of Intraocular Implant and Refractive Surgery*, Athens, Greece.
  37. **Palioura, S.**, Kim, B., Dohlman, C.H., Chodosh, J. (2015) The Boston keratoprosthesis type I in mucous membrane pemphigoid. *The 29th International Congress of the Hellenic Society of Intraocular Implant and Refractive Surgery*, Athens, Greece.
  38. **Palioura, S.**, Colby, K. (2014) Outcomes of Descemet Stripping Endothelial Keratoplasty (DSEK) using Eye Bank-prepared pre-loaded grafts. *American Academy of Ophthalmology (AAO) Annual Meeting*, Chicago, IL, USA.
  39. **Palioura, S.**, Colby, K. (2014) Outcomes of Descemet Stripping Endothelial Keratoplasty (DSEK) using Eye Bank-prepared pre-loaded grafts. *The Aegean Cornea XII Meeting*, Santorini, Greece.
  40. **Palioura, S.**, Abramson, D.H. (2011) Limitations of the international classification in predicting success of intra-arterial chemotherapy for group D/E intraocular retinoblastoma. *Biennial Meeting of the International Society of Ocular Oncology*, Buenos Aires, Argentina.
  41. **Palioura, S.** (2010) Structural insights into the mechanism of selenocysteine formation. *The 23rd tRNA Workshop: From the origin of life to biomedicine*, Aveiro, Portugal.

### **Surgical Video Presentations**

1. **Palioura, S.** (2020) Ultra-thin DSAEK using the EndoSerter insertion device in a patient with Axenfeld-Rieger syndrome and a pars plana glaucoma tube. *The 53rd Annual Congress of the Hellenic Ophthalmological Society*, Thessaloniki, Greece.
2. **Palioura, S.** (2020) Surgical management of diffuse conjunctival melanoma. *The 53rd Annual Congress of the Hellenic Ophthalmological Society*, Thessaloniki, Greece.
3. **Palioura, S.** (2020) A novel technique for managing recurrent pterygium. *The 53rd Annual Congress of the Hellenic Ophthalmological Society*, Thessaloniki, Greece.
4. **Palioura, S.** (2020) Ultra-thin DSAEK using the EndoSerter insertion device in a patient with Axenfeld-Rieger syndrome and a pars plana glaucoma tube. *The 38th Annual Congress of the European Society of Cataract and Refractive Surgery*, Amsterdam, The Netherlands.

5. **Palioura, S.** (2020) Surgical management of a diffuse conjunctival melanoma tumor. *PhacoExtrema OncoExtrema 2020 Virtual Summit*, Buenos Aires, Argentina.
6. **Palioura, S.,** Filippopoulos, T. (2020) Implantation of a glaucoma drainage device combined with simple limbal epithelial transplantation in a monocular patient with poorly controlled glaucoma and limbal stem cell deficiency. *The 34th International Congress of the Hellenic Society of Intraocular Implant and Refractive Surgery*, Athens, Greece.
7. **Palioura, S.** (2020) Ultra-thin DSAEK using the EndoSerter insertion device in a patient with Axenfeld-Rieger syndrome and a pars plana glaucoma tube. *The 34th International Congress of the Hellenic Society of Intraocular Implant and Refractive Surgery*, Athens, Greece.
8. **Palioura, S.,** Filippopoulos, T. (2019) Implantation of a glaucoma drainage device combined with simple limbal epithelial transplantation in a monocular patient with poorly controlled glaucoma and limbal stem cell deficiency. *The 52nd Annual Congress of the Hellenic Ophthalmological Society*, Athens, Greece.
9. **Palioura, S.** (2020) Surgical management of a diffuse conjunctival melanoma tumor. *Clinical Update by the Hellenic Ophthalmological Society*, Athens, Greece.
10. **Palioura, S.,** Gibbons, A., Crane, A.M., Alfonso, E.C. (2018) Ramon Castroviejo does it again! Semi-autologous corneal transplantation with simultaneous bilateral surgery. *The XIV Aegean Cornea Meeting*, Mykonos, Greece.

## Poster Presentations

1. **Palioura, S.** (2020) Cost benefit analysis of single- versus repeated-use of medical devices in cataract surgery. *The 38th Annual Congress of the European Society of Cataract and Refractive Surgery*, Amsterdam, The Netherlands.
2. Klavdianou, O., Venkateswaran, N., Kondylis, G., Kosmidis, I., **Palioura, S.** (2020) Bilateral spontaneous corneal perforations in a patient with follicular dendritic cell sarcoma and distant history of paraneoplastic pemphigus. *The 11th Annual EuCornea Congress*, Amsterdam, The Netherlands.
3. Gkiala, A., Laura, D.M., Charonis, G., **Palioura, S.** (2020) A curious case of a membranous structure in the anterior chamber; approach to diagnosis and management. *The 11th Annual EuCornea Congress*, Amsterdam, The Netherlands.
4. Klavdianou, O., Venkateswaran, N., Kondylis, G., Kosmidis, I., **Palioura, S.** (2020) Bilateral spontaneous corneal perforations in a patient with follicular dendritic cell sarcoma and distant history of paraneoplastic pemphigus. *The 38th Annual Congress of the European Society of Cataract and Refractive Surgery*, Amsterdam, The Netherlands.
5. Laura, D.M., **Palioura, S.** (2020) A rare case of intraocular extension of ocular surface squamous neoplasia. *The 2nd EnVision Summit*, San Juan, Puerto Rico.
6. **Palioura, S.,** Vingopoulos, F., Likht, N., Piedra, C.M., Dubovy, S.R., Karp, C.L. (2019) Endothelial cell loss in cornea grafts from donors who sustained airbag injury or gunshot wound to the head. *The 10th Annual EuCornea Congress*, Paris, France.
5. **Palioura, S.,** Filippopoulos, T. (2019) Implantation of a glaucoma drainage device combined with simple limbal epithelial transplantation in a monocular patient with poorly controlled glaucoma and limbal stem cell deficiency. *The 10th Annual EuCornea Congress*, Paris, France.
6. **Palioura, S.,** Vingopoulos, F., Likht, N., Piedra, C.M., Dubovy, S.R., Karp, C.L. (2019) Endothelial cell

- loss in cornea grafts from donors who sustained airbag injury or gunshot wound to the head. *The 37th Annual Congress of the European Society of Cataract and Refractive Surgery*, Paris, France.
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## Language Skills

Greek (native speaker); English (fluent): Certificate of Proficiency, Cambridge University, Cambridge, UK; French (intermediate); Spanish (intermediate); Italian (intermediate): Certificato di Lingua Italiana CELI 3, Università di Perugia, Perugia, Italy.