

Dr Eleni A. Georgakopoulou

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Professional Profile

Double-qualified in Medicine and Dentistry (MD, DDS), specialist in Oral Medicine, with an academic appointment in Histology & Embryology. Her clinical and research work focuses on cellular senescence, molecular carcinogenesis, oral potentially malignant disorders and oral cancer, inflammatory oral mucosal diseases, and translational biomedical research.

Current Academic and Professional Appointments

- Associate Professor of Histology University of Nicosia Medical School - UNIC Athens, 2026-present (Assistant Professor, provisional, 2025-2026).
- Year 1 Lead and MD-104 Course Lead, University of Nicosia Medical School - UNIC Athens, 2026-present.
- External Collaborating Teaching Staff, English-taught Medical Program, National and Kapodistrian University of Athens (NKUA), Medical School, 2023-present.
- Consulting Oral Medicine Specialist, MITERA Hospital, Athens, 2020-present.

Previous Academic and Research Experience

- Invited teaching contributions to the MSc in Molecular Biomedicine, NKUA Medical School and BSRC Alexander Fleming, 2021-2025.
- Postdoctoral Researcher, Molecular Carcinogenesis Group, Laboratory of Histology & Embryology, NKUA Medical School, 2018-2022.
- Research Associate, Molecular Carcinogenesis Group, Laboratory of Histology & Embryology, NKUA Medical School, 2014-present.
- Postdoctoral Researcher, Biomedical Research Foundation, Academy of Athens (BRFAA), REVIVE project T2EDK-02939, Aug-Dec 2022.

Education

Year	Degree	Institution
2014	PhD in Histology & Embryology	NKUA Medical School
2009	MD - Doctor of Medicine	NKUA Medical School
2007	MSc in Oral Medicine (Distinction)	UCL Eastman Dental Institute, University College London
2003	DDS - Doctor of Dental Surgery	NKUA Dental School

Research Profile and Interests

- Cellular senescence and ageing mechanisms
- Senescence biomarkers, including SenTraGor/GL13, in oral potentially malignant disorders and cancer.
- Molecular carcinogenesis of head and neck cancer.

- Histopathology-molecular biology correlations in oral lesions.
- Translational approaches in oral disease diagnosis and prevention.
- Oral inflammatory disorders in medically compromised patients.

Publications and Academic Output

- Scopus (October 2026): 51 documents, 800 citations by 761 documents, h-index 12.
- Co-author of academic textbooks, most recently contributing to the clinical book *Diseases of the Lips* (Doctors Media, 2025, 300 pages), an interdisciplinary collaboration involving dermatologists, oral medicine specialists, oral and maxillofacial surgeons, and allergists.

Selected Publications and Books

1. Π.Ν. Λούμου-Παναγιωτοπούλου, Α.Κ. Παναγιωτόπουλος, Δ.Κ. Σγούρος, Ε.Α. Γεωργακοπούλου, Γ.Κ. Κωστάκης και συνεργάτες. Νοσήματα Χειλέων / Diseases of the Lips. Doctors Media, Ελληνική έκδοση / Greek edition. 2025: 300
2. Georgakopoulou E, Krishnasamy N, Shree K H, Shetty S. Immune maturity, not seropositivity, determines protection from congenital CMV. The Lancet Microbe. 2025
3. Georgakopoulou E, Loumou P, Sgouros D, Chaurasia A, Panagiotopoulos A. Cryosurgery in oral lesions. Journal of Clinical and Experimental Dentistry. 2025; 17(10): e1257-e1266
4. Monteiro JS et al.; Georgakopoulou EA. Red Flags of Oral Cancer: Unravelling the Early Symptoms - A Literature Review. Oral Oncology Reports. 2025
5. Chaurasia A et al.; Georgakopoulou EA. HPV-negative oral squamous cell carcinoma arising from oral submucous fibrosis with p16INK4A positivity and cellular senescence: a case report. Journal of Clinical and Experimental Dentistry. 2025
6. Monteiro JS, Kaushik K, de Arruda JAA, Georgakopoulou E, Vieira AT, et al.. Fungal footprints in oral cancer: unveiling the oral mycobiome. Frontiers in Oral Health. 2024; 5: 1360340
7. Hassona Y, Alqaisi D, Alaa ALH, Georgakopoulou EA, Malamos D, et al.. How good is ChatGPT at answering patients' questions related to early detection of oral (mouth) cancer?. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology. 2024; 138(2): 269-278
8. Georgakopoulou EA, Tsimaratou K, Evangelou K, Fernandez MPJ, et al.. Specific lipofuscin staining as a novel biomarker to detect replicative and stress-induced senescence. Aging (Albany NY). 2013; 5(1): 37
9. Georgakopoulou E, Evangelou K, Havaki S, Townsend P, Kanavaros P, et al.. Apoptosis or senescence? Which exit route do epithelial cells and fibroblasts preferentially follow?. Mechanisms of Ageing and Development. 2016; 156: 17-24
10. Georgakopoulou E, Scully C. Biological agents: what they are, how they affect oral health and how they can modulate oral healthcare. British Dental Journal. 2015; 218(12): 671-677

Research Projects

- 2022 - Identification of senescent cells with new innovative molecules (REVIVE, T2EDK-02939). Biomedical Research Foundation, Academy of Athens (BRFAA). Role: Research Associate.
- 2018-2019 - Development of Smart Composites Based on Doped-TiO₂ Nanoparticles with Visible Light Anticancer Properties. ELKE - NTUA & NKUA collaboration. Role: Postdoctoral Researcher.
- 2014-present - Research on Molecular Carcinogenesis and Cellular Senescence. Laboratory of Histology & Embryology, NKUA. Role: Research Associate.
- 2004-2006 - Large Retrospective Clinical Study on Pemphigus and Mucous Pemphigoid. University Dermatology Clinic, A. Syggros Hospital. Role: Research and Clinical Associate. (Head Prof. George Laskaris)

Editorial, Reviewing and Academic Service

- 2026-present - Oral Diseases (Wiley): Editorial Board Member. Peer review and editorial service.
- 2024-present - Council of European Dentists: Member, Working Group on Cancer and Ageing. Scientific contributions on oral health, cancer and ageing.
- 2020-present - Hellenic Society of Stomatology: Founding Member; Former Board Member. Scientific and administrative activities.
- 2013-present - Journal of Clinical and Experimental Dentistry: Associate Editor / Editorial Board. Reviewing and managing submissions in Oral Medicine, Stomatology and Special Care Dentistry.
- 2012-present - Medicina Oral, Patología Oral y Cirugía Bucal: Associate Editor / Editorial Board. Reviewing and editing scientific articles in Oral Medicine and Pathology.

Awards and International Recognition

- 2025 - Certificate from Asia Book of Records for significant contribution as part of the IODCPC25 organizing team to the successful coordination of the record "Largest Global Concordance Study on Grading Oral Epithelial Dysplasia". The study involved 60 oral pathologists worldwide grading standardized histopathology slides.
- 2023 - Contributor to the PROSE Award-winning book Cellular Senescence in Disease, Association of American Publishers, Biomedicine and Neuroscience category.
- 2018-2019 - Postdoctoral research scholarship on smart TiO₂ nanoparticles with photoinduced anticancer activity, under an ELKE-funded NTUA-NKUA collaboration.
- 2013 - Specific lipofuscin staining study featured as a cover article in Aging (Albany NY).

Professional Memberships and Committees

- Member, Hellenic Society of Hospital Dentistry, 2020-present.
- Member, Hellenic Dental Association / Dental Association of Attica, 2004-present.
- Founding Member and Former Board Member, Hellenic Society of Stomatology, 2020-present.
- Member, Working Group on Cancer and Ageing, Council of European Dentists, 2024-present.
- Organizing Committee Member and Moderator, International Oral Diagnostics, Clinical Pathology & Cytology Conference - Oral Pathology 360, 2025.

International and National Collaborations

Collaborations with the University of Jordan, King George's Medical University, Manipal Academy of Higher Education, NKUA and other clinical and academic partners, including research on oral cancer early diagnosis, oral oncology, oral microbiome, oral mycobiome, and their role in oral disease and carcinogenesis. patient information tools and translational oral medicine.