

# **CLAUDIA DELLAVIA, DDS, PhD**

Full professor of Human Anatomy at the Faculty of Medicine and Surgery, Università degli Studi di Milano (University of Milan), Italy.

## **Education**

**2003:** PhD degree, Morphologic Sciences - University of Milan (UNIMI), Italy. Topic of the PhD thesis: Morphological analysis of the face of patients with cleft lip and palate.

**1999-2003:** PhD student in the Morphologic Sciences PhD program - UNIMI. Main focus of the research activity: morphometry of the face.

**1999:** degree, Dental Sciences, UNIMI. Main focus of the research activity: neuromuscular evaluation of swallowing in healthy subjects.

## **Positions and Employment**

**2021- to date:** Full Professor of Human Anatomy, Department of Biomedical Surgical and Dental Health (DSBCO), UNIMI.

**2015-2021:** Associate Professor of Human Anatomy, UNIMI.

**2004-2015:** Assistant Professor of Human Anatomy, UNIMI.

## **Editorial board**

- **2023 - to date** Editorial Board Oral Diseases (reviewing editor for Anatomy and Perio Section).
- **2022 - to date** Editorial Board European Journal of Translational Myology (Editor for the Section "Mobility Medicine, Diagnostics and Managements").
- **2013 - 2022** Editorial Board Journal of Dental Research (2013-16, 2016-19, 2019-22).
- **2019 - 2022** Editorial Board International Journal of Environmental Research and Public Health (Guest Editor Special Issue "Oral diseases and Public Health" I e II editions, and Academic Editor Cells (MDPI)
- **2012 - 2015** Editorial Board World Journal of Stomatology.
- **2008 - 2019** Editorial Board Journal of International Dental and Medical Research.

## **Professional memberships**

**2020- to date** Member, Italian Society of Periodontology and Implantology (SIDP, dal 2001 to date; from 2010 active member); member of the editorial committee (2012-13) and of the scientific committee (2014-15; 2024-25; coordinator 2016-17).

**2021- to date** Member, Italian Society for the Study of Connective Tissue

**2018- to date** Member, Committee State Medical Registrar of Milan (OMCeOMI) for dental profession problems.

**2014- 2020** Member, scientific commission of the Italian Coordination Committee of the Dental Scientific Societies.

**2003- to date** Member, Florence Periogroup

**2001- to date** Member, Italian Society of Anatomy and Histology (SIAI)

## **Research interests**

Claudia Dellavia, DDS PhD, is the director of the Ground Sections Lab at the Department of Biomedical Surgical and Dental Sciences of the University of Milan, Italy.

Main scientific interests: 1) gross and functional anatomy of the stomatognathic apparatus, 2) microscopy of dental and periodontal tissues, and 3) epidemiology of oral diseases.

### **Author information and bibliometric indexes**

**ORCID:** 0000-0001-5145-3606

**h-index:** 29 (scopus)

**N. of publications:** 168 (scopus)

### **Research Support**

- **2024:** Erasmus KA 171 2024 call (UNIMI-GULU-Zanzibar). Role: Co-PI dental team (with Daniela Carmagnola)
- **2022:** Public engagement UNIMI project “Stai Sano”. Role: Supervisor. PI: Gaia Pellegrini and Maurizio Gallieni.
- **2021:** Finalist of the Seed4Innovation call by Unimi/Unimi Foundation for the scouting of innovative projects. Role: PI. Project: Nanobiogel.
- **2020:** Grant Unimi project Linea2. Role: PI. Project entitled "Antimicrobial and antiviral filters made with nanofibers to protect health worker and environment" as part of the Research Support Plan (PSR).
- **2019:** Milan Community Cariplo Foundation call BANDO57. Role: PI for UNIMI. Research project entitled “The University Goes to Kindergarten” (UVA 2680; <https://aiutoeuni-giocoosalute.it>)
- **2016:** PI research project on PSR Departmental Funds for the study entitled "Architecture of the gingival microcirculation in healthy subjects and in patients undergoing prosthetic rehabilitation".
- **2015:** Grant Unimi project Linea2. Role: PI. Research project entitled "Controlled and randomized clinical and histological study in periodontal patients for the evaluation of 3D reconstruction of post-extraction sites treated with bovine-derived graft and collagen membrane".
- **2014:** Young Researchers UNIMI type B research funds. Role: Co-PI (with Emanuela Galliera). Research project entitled "Molecular analysis of bone remodeling in the post-extraction socket: evaluation and comparison of individual tissue response to two different biomaterials".
- **2011:** member of the B-UNIMI research unit (coordinator Antonio Carrassi) PRIN 2010-11 area 06 research project entitled “Adult stem cells and 3d scaffolds: a novel cell construct in bone diseases treatment” (PI: Adriano Piattelli, University of Chieti).
- **2008:** Co-tutor of the research project "Application of morphological methods (scanning electron microscope) for surface analysis in screw quality control procedures" carried out by a PhD student in Morphological Sciences XXII Cycle and financed by the Project University Framework No. 415438 “From University to Innovation - Integrated actions for relaunching the competitiveness of the economic-social system of Lombardy”, Action No. 416178 – Research grants applied abroad for doctoral students.
- **2007:** Faculty advisor of two research projects in the field of intellectual disability carried out by students of the Faculty of Medicine and Surgery of Milan and financed by Special Olympics International (Special Olympics Healthy Athletes Health Professions Student Grant) “Oral health status of Special Olympics Italian Athletes” and “Special care dentistry for people with intellectual disability in the Italian Universities”; each equal to 5,000 euros.

- **2000:** Young researchers project entitled "Action of polyamines on the synthesis of the extracellular matrix, gene expression and correlation with apoptotic mechanisms in monolayer cultures of human fibroblasts and osteoblasts" (Ministerial Note No. 1707 of 22.07 .1998 – Univ. Prot. of Milan S/03410 of 10.03.1999).

### **Awards and acknowledgments**

- **2021:** SIdP Board of Periodontology and Implantology.
- **2021:** best poster entitled "Functionalized nanofibers to regenerate oral mucosa: in vitro study on gingival stem cells" at the XXVIII National Congress of the College of University Teachers of Dental Disciplines.
- **2019:** best poster entitled "Antimicrobial activity of zinc-doped hydroxyapatite coatings formed on titanium Ti6A14V surface for orthopedic implant" at the International Conference on Clinical and Pharmaceutical Microbiology, Rome.
- **2019:** National Oscar Award at the XII edition of the WHO Healthy Cities Health Oscars with the project L'Università Va all'Asilo in collaboration with the Municipality of Milan. The project obtained a special mention 'Participation'.
- **2003:** Henry M. Goldman Prize with the report "Effect of cyclosporin A on human gingival fibroblasts collagen turnover in the development of gingival hypertrophy: in vitro study", XI International Congress of the Italian Society of Periodontology, Florence.

### **Didactic activity**

Teaching activity and coordination of Human Anatomy courses for 3-year degree courses (obstetricians, orthopedic technicians, podiatrists, dental hygienists), for master's courses in Dentistry and in Medicine and Surgery (international course), and for the Schools of Specialization in Dental Surgery, Pediatric Dentistry and Orthodontics of the Faculty of Medicine and Surgery (UNIMI). Member of the Teaching Staff of the PhD in Clinical Research of UNIMI. Coordinator of the 3y-Degree Course in Dental Hygiene at UNIMI (2017-20, 2020-23).