

**CURRICULUM VITAE**  
**DOTT.SSA GAIA PELLEGRINI**

Research 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: Alveolar socket preservation technique: histological healing of hard and soft tissues.

**2009-2012:** PhD student in the Morphologic Sciences PhD program - UNIMI. Main focus of the research activity: microstructure of oral tissues.

**2007-2008:** Research Fellow at the University of Michigan, school of Dentistry Dept. of Periodontics and Oral Medicine

**2006:** degree, Dental Sciences, UNIMI. Main focus of the research activity: periodontal surgery.

**Positions and Employment**

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

**Research interests**

Dr. Gaia Pellegrini's research area concerns the macroscopic and functional anatomy of the stomatognathic system. She deals with morphological evaluation and direct measurement on the patient or on images obtained from radiographic/magnetic resonance/capillaroscopic examinations, of bone structures, soft tissues and their modifications following physiological processes (development, atrophy), pathological processes (inflammation, infection) or therapeutic interventions. Furthermore, she studies the masticatory function and swallowing, in particular occlusal stability and neuromuscular coordination, through electromyographic acquisition of the activity of the supra- and submandibular muscles.

**Author information and bibliometric indexes**

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

**h-index:** 16 (scopus)

**N. of publications:** 46 (scopus)

**Referee/Consultant Editor of**

- Bioengineering
- BMC Oral Health
- Dental Cadmos
- International Journal of Environmental Research and Public Health
- International Journal of Molecular Sciences
- Journal of Dental Research
- Journal of Bone and Mineral Research
- Medicina (Guest Editor for the Special Issue “Personalized periodontics: from basic research to clinical activity)
- Nanomedicine
- The International Journal of Artificial Organs.

**Didactic activity**

**2022-to date:** Teaching activity and coordination of Human Anatomy courses for 3-year degree courses (Perfusionist).

**2018-to date:** Teaching activity of Human Anatomy courses for 3-year degree courses (obstetricians, orthopedic technicians, podiatrists, dental hygienists).

**2019-to date:** Teaching activity for PhD school.

**Academic organizational tasks**

- Scientific coordinator of the project “Stai Sano! Obiettivo 100 anni” of the Faculty of Medicine and Surgery from 2023 to today, which received a University funding of 40,000 euros and sponsor funding for a total amount (economic and in kind) of 450,000 euros.
- RTD representative of the department at the University Researchers' Council for the period between February 2022 and February 2024.
- Third Mission Contact for the Department of Biomedical, Surgical and Dental Sciences (from the AY 2019/2020 to today).
- Member of the Quality Assurance Group (QA) of the scientific production of the Department of Biomedical, Surgical and Dental Sciences (AY 2018/2019).

**Other training activities and experiences**

- Tutor at the “IAPEM” Cadaver LAB course 26-27 May 2024

- Completed the Faculty Development course for university teaching (18 July 2022)
- Master in “Europrogettazione” 2014-2020 (Europa Cube Innovation) in 2015.
- Participated in the orofacial anatomical dissection course at the ICLO Teaching and Research Center San Francesco di Sales, Arezzo in May 2015.