

PD Dr. med. dent. Lamprini Karygianni

Senior Teaching and Research Assistant in Oral Microbiology and Immunology

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Clinical Specialisations

- Preventive and restorative dentistry
- Endodontics

Research Interests

- Investigation of microbial diversity and shifts within oral biofilms in health and disease using classical and
- molecular microbiology
- Visualization of oral biofilms and extracellular matrix using confocal microscopy
- Composition and architecture of extracellular matrix within oral biofilms
- Microbial adhesion and biofilm formation on novel biomaterials
- Antimicrobial potential of photodynamic therapy against oral biofilms
- Antimicrobial activity of natural products against oral microorganisms
- Nutritional influences on oral biofilm development and composition
- Influence of bacterial virulence factors and biomaterials on osteoblasts