

P O S T E R S ' L I S T



1. Oral biofilms

P01. Oral Biofilm Composition and Phenotype in Caries-active and Healthy Children.

Gabriella Boisen, *Malmö University*

P02. Two Oligopeptidase B Homologues Contribute to the Elevated Trypsin-like Peptidolytic Activities of *Campylobacter jejuni*.

Rory Munro Watt, *The University of Hong Kong*

2. Microbial pathogenesis of oral diseases

P03. Association between *Streptococcus mutans* detection and caries activity in oral microbiome studies: A systematic review and meta-analysis.

Dongmei Deng, *ACTA*

P04. Investigation of the microbiome of oral leukoplakia (OLK).

Gary Moran, *Dublin Dental Hospital*

P05. New Insights into Evolution and Diversity of Major Fimbriae (FimA) of the Oral Pathogen *Porphyromonas gingivalis*.

Josefa Nuñez-Belmar, *Universidad Mayor*

3. Modulation of the oral microbiome

P06. The effect of chlorhexidine and common antibiotics on the composition and nitrate metabolism of subgingival plaque an in vitro study.

María Nadal Ruiz, *FISABIO*

P07. *Porphyromonas gingivalis* long fimbriae superstructures and their role for targeted transport and release of extracellular vesicles

Georg Conrads, *RWTH University Hospital*

P08. Effect of a probiotic combination on oral *Candida* colonization in head and neck cancer patients undergoing radiotherapy: randomized clinical trial.

Tanya Valeria Pereira Riveros, *Universidad de Barcelona*

4. Host-microbial interactions

P09. 3D oral mucosa model to evaluate bacterial invasion.

Monika Astasov-Frauenhoffer, *University of Basel*

P10. Identification of New Biomarkers in Gingival Crevicular Fluid and Saliva for Diagnosing Periodontitis by SWATH-MS.

Triana Blanco Pintos, *Universidad de Santiago de Compostela*

P11. Immunomodulatory effects of oral streptococci in periodontal disease.

Zita Dinis Lopes da Silva, *Malmö University*

P12. Fitness costs and evolutionary dynamics of Tn916 in oral streptococcal isolates.

Tracy Lunde, *The Arctic University of Norway*

P13. Effects of MUC5B on early oral biofilm glucose metabolism.

Carolina Robertsson, *Malmö University*

P14. The influence of periodontal microbial biomarkers on reaching the endpoints of therapy.

Nils Werner, *University Hospital, LMU*

P15. Determining the Effect of Processed-grain or High-fiber Diets on Microbial and Immunological Markers of Periodontitis.

Lea Sedghi, *University of California*

5. Oral homeostasis and dysbiosis

P16. Citrulline as a potential prebiotic & synbiotic for dental caries.

Oscar Climent Soler, *FISABIO*

P17. Oral and intestinal microbiomes in patients with periodontitis: design and preliminary results of the first national study (Uruguay).

Bruno Manta, *Universidad de la Republica & Institut Pasteur Montevideo*

P18. Rapid Griess Assay a Chair-side Evaluation of Oral Nitrite Production.

Simeon Kosmas Bjørhovde Mavropoulos, *University of Gothenburg*

P19. Salivary microbiome and proteome in kidney transplant recipients up to 24-months after transplantation.

Benedita Sampaio Maia, *i3S-Investigação e Inovação em Saúde*

P20. Interactions of Nitrate-Reducing and Sulphur-Metabolising Bacteria: Implications for Oral Health.

Abish Stephen, *Queen Mary University of London*

6. Systematic effects of oral diseases

P21. Human endothelial cell cytokine and chemokine responses to oral anaerobe infection is species specific.

Antonia Cutts, *The University of Sheffield*

7. Novel concepts/methodologies in oral microbiology

P22. CellTrace - a Tool for Visualisation of Multi-Species Oral Biofilms.

Olivia Aherne, *Malmö University*

P23. Development of a bioinformatic pipeline for archaea detection in dental caries.

Naile Dame-Teixeira, *University of Brasilia*

P24. Comparative characterization analysis of two novel mucin-degrading proteases, MdpL and MdpS, from different oral bacteria.

Fredrik Leo, *Malmö University*

P25. Co-culture of Helicobacter pylori with oral microorganisms in human saliva.

Konstantin Johannes Scholz, *Faculty of Medicine, University of Freiburg*

P26. Oral Species with Highly Similar in-silico 16S rRNA Gene Amplicons: a Reason to Avoid OTU Clustering.

Inmaculada Tomás, *School of Medicine and Dentistry*

8. Novel treatments, including Infection Control in dentistry

P27. Hydrogel-delivered bismuth-doped carbon dots-based nanomedicine treats periodontal disease via antimicrobial & immuno-modulatory approaches.

Xuan Li, *The University of Hong Kong*

P28. Antimicrobial peptides with a double-glycine leader peptide from Streptococcus oralis subsp. dentisani strains.

Ainhoa Revilla, *Fisabio Foundation*

P29. New postbiotic to improve canine oral health.

Adrian Florit, *ADM-Biopolis*