

POSTER LIST

The size of posters should be DIN A0 (118.9x84.1 cm; 46.81x33.11 inch) portrait orientation.

Posters will be displayed during the Conference, and authors are expected to be present at their posters during the 2-hour dedicated session on Day 3.

1. Oral biofilms

Oral Biofilm Composition and Phenotype in Caries-active and Healthy Children. – Gabriella Boisen, Malmö University

Effect of Nicotine on Oral Bacteria. – Maria Pain, Nordic Institute of Dental Material

Two Oligopeptidase B Homologues Contribute to the Elevated Trypsin-like Peptidolytic Activities of *Capnocytophaga gingivalis*. - Rory Munro Watt, The University of Hong Kong

2. Microbial pathogenesis of oral diseases

Association between *Streptococcus mutans* detection and caries activity in oral microbiome studies: A systematic review and meta-analysis. – Dongmei Deng, ACTA

Investigation of the microbiome of oral leukoplakia (OLK). - Gary Moran, Dublin Dental Hospital

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

The effect of chlorhexidine and common antibiotics on the composition and nitrate metabolism of subgingival plaque an in vitro study. – María Nadal Ruiz, FISABIO

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

3D oral mucosa model to evaluate bacterial invasion. – *Monika Astasov-Frauenhoffer, University of Basel*

Identification of New Biomarkers in Gingival Crevicular Fluid and Saliva for Diagnosing Periodontitis by SWATH-MS. – *Triana Blanco Pintos, Universidad de Santiago de Compostela*

Immunomodulatory effects of oral streptococci in periodontal disease. – *Zita Dinis Lopes da Silva, Malmö University*

Fitness costs and evolutionary dynamics of Tn916 in oral streptococcal isolates. – *Tracy Lunde, The Arctic University of Norway*

Effects of MUC5B on early oral biofilm glucose metabolism. – *Carolina Robertsson, Malmö University*

The influence of periodontal microbial biomarkers on reaching the endpoints of therapy. - *Nils Werner, University Hospital, LMU*

5. Oral homeostasis and dysbiosis

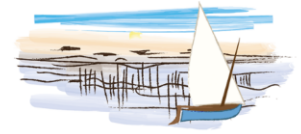
Citrulline as a potential prebiotic & synbiotic for dental caries. – *Oscar Climent Soler, FISABIO*

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*

Rapid Griess Assay a Chair-side Evaluation of Oral Nitrite Production. - *Simeon Kosmas Bjørhovde Mavropoulos, University of Gothenburg*

Salivary microbiome and proteome in kidney transplant recipients up to 24-months after transplantation. – *Benedita Sampaio Maia, i3S-Investigação e Inovação em Saúde*

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

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

CellTrace - a Tool for Visualisation of Multi-Species Oral Biofilms. – *Olivia Aherne, Malmö University*

Development of a bioinformatic pipeline for archaea detection in dental caries. – *Naile Dame-Teixeira, University of Brasilia*

Comparative characterization analysis of two novel mucin-degrading proteases, MdpL and MdpS, from different oral bacteria. – *Fredrik Leo, Malmö University*

Co-culture of Helicobacter pylori with oral microorganisms in human saliva. - *Konstantin Johannes Scholz, Faculty of Medicine, University of Freiburg*

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

Hydrogel-delivered bismuth-doped carbon dots-based nanomedicine treats periodontal disease via antimicrobial & immuno-modulatory approaches. – *Xuan Li, The University of Hong Kong*