

# Best Poster Presentations

Out of the outstanding received submissions, the Scientific Committee has chosen the top 10 posters to be presented orally. We invite you to attend these short talks and engage with the presenters by asking questions and sharing your comments.

You will then be able to vote on the one poster you think is the BEST of the best.

You can cast your vote before 11:00 on 28 October via the mobile app.

**Location: Exhibition & Networking Area (Lobby 2nd Floor)**

## 27 October, Friday

Chairs: **Omry Koren**, Bar Ilan University, Israel & **Nicola Segata**, University of Trento, Italy

13:25 – 13:30

MINING THE GUT MICROBIOTA FOR TYPE 1 DIABETES PREVENTATIVE FACTORS

**Bree Tillett**, University of Queensland, Australia

13:30 – 13:35

ASSOCIATION BETWEEN MATERNAL VITAMIN D STATUS DURING PREGNANCY AND INFANT GUT MICROBIOTA DEVELOPMENT

**Agnes Arnadottir**, Matis, Iceland

13:35 – 13:40

DYNAMICS OF MICROBIOME COMPOSITION FROM PLACENTA TO FETUS AND NEONATE

**Young Joo Lee**, Kyunghee University, South Korea

13:40 – 13:45

PROOF OF CONCEPT: METATRANSCRIPTOMIC ANALYSIS OF THE EQUINE PLACENTAL MICROBIOME

**Machteld van Heule**, Ghent University, Belgium

13:45 – 13:50

MATERNAL WESTERN STYLE DIET FEEDING PROGRAMS GUT EPITHELIAL  
SEROTONIN RESPONSE TO MICROBES

**Erin Bolte**, Baylor College of Medicine, USA

13:50 – 13:55

THE DIVERSITY OF MICROBIOME PROFILES IN PERIODONTAL  
SUBGINGIVAL POCKETS

**Jale Moradi**, Oral Health Centre of Expertise, Norway

13:55 – 14:00

THE CIRCULATING MICROBIAL TRANSCRIPTOME IN MYELOID MALIGNANCY  
PATIENTS

**Thomas LaFramboise**, Case Western Reserve University, USA

14:00 – 14:05

DEVELOPMENT OF EARLY LIFE GUT RESISTOME AND MOBILOME ACROSS  
GESTATIONAL AGES AND MICROBIOTA-MODIFYING TREATMENTS

**Veronika Pettersen**, UiT The Arctic University of Norway,  
Norway

14:05 – 14:10

EXPLORATION OF 2,500 FOOD METAGENOMES REVEALS UNEXPLORED  
MICROBIAL DIVERSITY AND SPECIES OVERLAPS WITH THE HUMAN  
MICROBIOME

**Niccolò Carlino**, University of Trento, Italy

14:10 – 14:15

INTRODUCTION OF PROBIOTIC-BASED SANITATION IN THE EMERGENCY  
WARD OF A CHILDREN'S HOSPITAL DURING THE COVID-19 PANDEMIC

**Irene Soffritti**, University of Ferrara, Italy