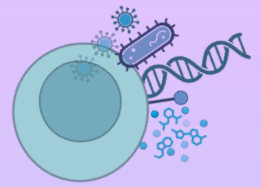


Infectomics



How to make use of different omics technologies in the field of microbe and infection research

8.5.2025, Medisiina D, Lauren 2

Tentative program

11:00-12:00 Salad lunch

12:00 Opening words/Jukka Hytönen

Microbial genomics/Chair Kirsi Gröndahl-Yli-Hannuksela

12:10 What has whole-genome sequencing ever done for us?/Teemu Kallonen

12:30 NGS sequencing as a part of clinical diagnostics/Marianne Gunell

12:50 Shared resistome and mobilome of human and poultry gut metagenomes/
Shivang Bhanushali

13:10-13:20 Break

Microbiomics/Chair Santosh Lamichhane

13:20 Human Microbiome Research - It's about time to deliver a clinical impact/Eveliina Munukka

13:40 The tissue-resident DNA virome of humans /Lari Pyöriä

14:00 Studying child gut microbiota development through different omics/Satu Silojärvi

14:20 Metabolomics Applications in Microbiome Research/Heidi Isokääntä

14:40-15:00 Coffee break

Host interactions/Chair Jukka Alinikula

15:00 Transcriptomics of immune response of borrelia infection/Varpu Rinne

15:20 Altered immune landscape of cervical lymph nodes reveals Epstein-Barr virus signature in multiple sclerosis/Joona Sarkkinen (on-line presentation)

15:40 CSF biomarker discovery in Lyme neuroborreliosis: a metabolomics-driven approach/Ilari Kuukkanen

16:00 The relationship between gut microbiota and the risk of future infection/
Teemu Niiranen

16:20 End of the meeting

This event is organized by MIRP (Microbes and Immunity Research Program) and CompLifeSci (Computational and Molecular Methodologies for Life Sciences).