BRuSH kick-off seminar
Analyses of the human microbiome; challenges and opportunities

Date and time: 15th of March 2019 09:30-14:00.
The seminar is open for everyone; no registration or registration fee.

Venue: Auditorium BUS1 (room 1106), Barne- og ungdomsjukehuset, Haukeland University Hospital, Haukelandsbakken 15, 5009 Bergen, Norway.

Chair: Randi J Bertelsen, UiB

09:30 ANCOM and other biostatistical methods for analyzing microbiome data (35+5)
Professor Shyamal Peddada (University of Pittsburgh, Pittsburgh PA, USA)

10:10 From operational taxonomic units to amplicon sequence variants: experiences with new methods for clustering 16S rRNA amplicon sequences (35+5)
Assistant professor Ian Marshall (Aarhus University, Aarhus, DK)

10:50 Reduced metagenome sequencing for strain resolution analyses of the human gut microbiota (20+5)
Professor Knut Rudi (Norwegian University of Life Sciences, Oslo, NO)

11:15 Functional analysis and Ig-sequencing to identify disease-associated bacteria (35+5)
Professor Susanne Brix (Technical University of Denmark, Lyngby, DK)

12:00 – 12:45 Break

12:45 Challenges with analyzing low-biomass airway microbiota samples (20+5)
Associate professor Rune Nielsen (UiB/HUS, Bergen, NO)

13:10 Infants under double attack; interaction between toxicants and the gut microbiome (20+5)
Senior researcher (PhD, MD) Merete Eggesbø (Norwegian Institute of Public Health, Oslo, NO)

13:35 And Last but not Least – the Yeast (20+5)
PhD-fellow (MD) Kasper Schei (Norwegian University of Science and Technology, Trondheim, NO)

This seminar is part of a project (Acronym: BRuSH) that has received funding from the European Research Council (ERC) under the European Union’s Horizon 2020 research and innovation programme under grant agreement No 804199 BRuSH, awarded Randi J Bertelsen (Department of clinical science, University of Bergen, Norway)