

Workshop: Microbiome research at the University of Freiburg

Friday, July 13th 2018 - Venue: Elsässer Straße 2, Sitzungszimmer 2. OG (Studienzentrum)

9:00 – 9:15	Opening: Karin Michels , Institute for Prevention and Cancer Epidemiology
9:15 – 10:15	Leah Stiemsma , Department of Epidemiology, University of California, LA The application of the microbiome in molecular epidemiology
10:15 – 10:30	Refreshments
Studies / subject matter research (Part I)	
10:30 – 11:00	Annette Anderson , Dept. of Operative Dentistry and Periodontology Diet-induced in-vivo shifts of the oral microbiome analyzed with high-throughput sequencing
11:00 – 11:30	Rebecca Kesselring , Dept. of General and Visceral Surgery The impact of the intestinal microbiome on stability of the tumor barrier and on metastasis of colorectal cancer
11:30 – 12:00	Daniel Erny , Institute of Neuropathology How the gut modulates the brain immune system
12:00 – 13:00	Lunch
Methods	
13:00 – 13:30	Franziska Jebok , Institute for Educational Science Microbiome Yarns: fun with facts (with serious educational implications/merit)
13:30 – 14:00	Alla Bulashevskaya , CCI-Center for Chronic Immunodeficiency Linking Microbes to Phenotypes: A Review of the Existing Methods
14:00 – 14:30	Nadine Binder , Institute for Prevention and Cancer Epidemiology Challenges in the analysis of high dimensional data arising from microbiome research
14:30 – 14:45	Refreshments
Studies / subject matter research (Part II)	
14:45 – 15:15	Denise Zdzieblik , Department of Sport and Sport Science Influence of pre- and probiotics on the fat metabolism in overweight or obese people
15:15 – 15:45	Antonia Reimer , Department of Dermatology MINION-EB: Microbiome, INflammation & wOuNds in children with Epidermolysis bullosa
15:45 – 16:00	Future prospects: Karin Michels , Institute for Prevention and Cancer Epidemiology