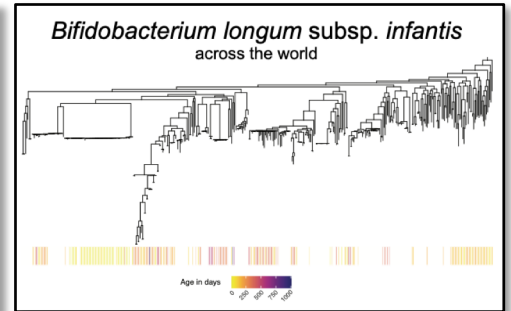


The infant gut microbiota and food allergen sensitization



Dr. Pernille Myers

Senior Bioinformatician
Clinical Microbiomics Inc.

1:10 PM, Friday April 15, 2022

Zoom URL: <https://ucdavis.zoom.us/j/96154355778>

Dr. Myers received her Ph.D. in Bioinformatics from the Technical University of Denmark.. Her PhD was a collaboration between DTU (Professor Susanne Brix) , and H. Bjørn Nielsen, CSO at Clinical Microbiomics (CM). CM is a CRO based in Copenhagen, Denmark focusing on metagenomics and microbiome research.

Atopic diseases have been associated with a lack of exposure to microorganisms in early life. Food allergen sensitization, which is a result of the production of food allergen-specific immunoglobulin E (IgE), is believed to represent one of the first failures to induce immune tolerance. We investigated the underlying features of the infant gut microbiota during the breastfeeding phase in relation to development of food allergen sensitization in childhood.