



NuGO WEBINAR

“Diet, Gut Microbiome and Cardiometabolic Health: Implication of Strain-Level Diversity and Microbial Functions.”

October 14, from 10-11:30 EDT / 15-16:30 (CET)

Please register [here](#)

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The organisers of this webinar are Professor Rikard Lindberg and dr Clemens Wittenbecher from Chalmers University of Technology, SE



Prof. Rikard Lindberg



dr Clemens Wittenbecher

Programme

- Introduction to NuGO and Chalmers University of Technology
- **“Diet, Gut Microbiome and Cardiometabolic Health: Implication of Strain-Level Diversity and Microbial Functions.”** by dr Daniel Wang, Department of Nutrition, Harvard T.H. Chan School of Public Health.

In this talk, I will discuss the interplay between dietary patterns and the gut microbiome and how these interactions shape individual susceptibility to cardiometabolic disease. I will highlight microbial functions characterized through metagenomics, metatranscriptomics, and metabolomics, examining their responses to dietary intake and variations across individuals with differing cardiometabolic risk. Additionally, I will present our latest findings on subspecies-level functional diversity and its implications for cardiometabolic health. This work draws on data from Harvard cohorts, the international MicroCardio Consortium, and a randomized controlled dietary intervention trial.

Keynote speaker



Dr Daniel Wang

Department of Nutrition

Brigham and Women's Hospital, Harvard &
Medical School Harvard T.H. Chan School
of Public Health

[\[https://hsph.harvard.edu/profile/daniel-wang/\]](https://hsph.harvard.edu/profile/daniel-wang/)