GÖTEBORGS UNIVERSITET

National NEON meeting 17th May 2024

Theme: Modelling optimal diets with respect to human and planetary health

Place: Skansen Kronan, Leijonsparres väg 15, Gothenburg

Program:

13.00-13.10	Welcome	Anna Winkvist Christel Larsson
13.10-13.50	**Recorded research presentation:**[1] Designing Nutritionally Adequate and Climate-Friendly Diets for Omnivorous, Pescatarian, Vegetarian and Vegan Adolescents in Sweden Using Linear Optimization	**Presenter:** Patricia Eustachio Colombo *London School of Hygiene and Tropical Medicine (LSHTM)*
13.50-14.30	**Doctoral study presentation:** Food habits with low climate impact: links to health outcomes and nutrient status **Discussant** *Anna Winkvist, University of Gothenburg*	**PhD candidate:** Anna Stubbendorff *Lund University, Sweden*
14.30-15.00	Coffee/tea break	
15.00-15.40	**Research presentation:**[2] How to identify culturally acceptable dietary solutions matching to human and planetary health goals by using linear optimization	**Presenter:** Alexandr Parlesak *University of Copenhagen, Denmark*
15.40-16.20	**Doctoral study presentation:** Using linear optimization to address sufficient vitamin D intake and adequate vitamin D status in combination with sustainable development goals. **Discussant:** *Emma Pattersson, Livsmedelsverket*	**PhD candidate:** André Hesselink *University of Gothenburg, Sweden*
16.20-17.00	**Research presentation:**[3] Exploring healthy and climate-friendly diets for Danish adults: using quadratic programming	**Presenter:** Ellen Trolle *Technical University of Denmark, Denmark*
17.00-17.15	Closing remarks.	Anna Winkvist Christel Larsson
17.15-	Dinner at own cost Kronans Borgarbuffé.	

[1] Eustachio Colombo P et al. Designing nutritionally adequate and climate-friendly diets for omnivorous, pescetarians, vegetarian and vegan adolescents in Sweden using linear optimization. Nutrients 2021;13(8); https://doi.org/10.3390/nu13082507

[2] Talia Masino BA et al. Climate-friendly, health-promoting, and acceptable diets for German adult omnivores, pescatarians, vegetarians, and vegans – a linear programming approach. Nutrition 2023:109; *https://doi.org/10.1016/j.nut.2023.111977*

[3] Nordman M et al. Exploring healthy and climate-friendly diets for Danish adults: using quadratic programming. *Frontiers in Nutrition* 2023;10; https://doi.org/10.3389/fnut.2023.1158257