



EvoLunch

Genomic insights into metabolism and fitness

Flo Camus

UCL

Host: Beatriz Vicoso

Understanding the link between genotype to fitness has been a major challenge over the past decades. However, to fully understand how a genotype modulates fitness we need to investigate the intermediate steps that drive these phenotypic responses - physiology. Here I will explore how different genotypes across both sexes respond to metabolic changes (via nutrition) and the fitness consequences they elicit. I will then break down the level of the genotype to mitochondrial and nuclear DNA. I will present evidence on how mito-nuclear incompatibilities impact the intermediate metabolic phenotype, plus how these responses impact fitness and adaptive traits.

Monday, May 16, 2022 02:00pm - 03:00pm

Mondi Seminar Room 2, Central Building



This invitation is valid as a ticket for the ISTA Shuttle from and to Heiligenstadt Station. Please find a schedule of the ISTA Shuttle on our webpage: <https://ista.ac.at/en/campus/how-to-get-here/> The ISTA Shuttle bus is marked ISTA Shuttle (#142) and has the Institute Logo printed on the side.

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