



Dartmouth
GEISEL SCHOOL OF MEDICINE

DEPARTMENT of
EPIDEMIOLOGY

"Application of Metabolomics in Pediatric Type 2 Diabetes."

**Epi/COBRE-RIPs Seminar
with
Jennifer Meijer, PhD, RD, MPH**



Dr. Meijer, PhD, RD, MPH, Assistant Professor of Medicine and Pediatrics at the Dartmouth Geisel School of Medicine. Dr. Meijer's research uses metabolomics to identify risk of metabolic disease, such as type 2 diabetes, in children and adolescents. Using nutrient challenges such as oral glucose tolerance test and high-fat mixed macronutrient tolerance test, Dr. Meijer profiles the response of the metabolome to identify characteristics influencing the ability to adapt to a nutrient load. Additionally, she works as a Registered Dietitian in the Weight and Wellness Center at Dartmouth Hitchcock Medical Center, presenting the opportunity to translate research into the clinic. Dr. Meijer will share her research, using metabolomics in meal challenges for the prediction of type 2 diabetes risk. She will provide a brief overview of where harmacometabolomics has been used to study the effects of glucagon-like peptide-1 receptor agonists in type 2 diabetics.



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**Join via Zoom
3/1/23 @ 12/Noon**