



“Effects of Exposure to Air Pollutants and PFAS on the Gut Microbiome: Implications for Human Health across the Lifecourse”



Tanya L. Alderete, PhD
Assistant Professor,
Dept. of Integrative Physiology
University of Colorado Boulder

Tuesday, April 11th

12:00 – 12:50 P.M.

Claudia Nance Rollins Room 4001

Lunch provided

Questions: katehodgins@emory.edu

Tanya Alderete is an Assistant Professor in the Department of Integrative Biology at the University of Colorado Boulder and an Adjunct Assistant Professor in the Department of Population and Public Health Sciences at USC and the Colorado School of Public Health at CU Anschutz. Dr. Alderete is broadly trained in clinical and translational research, environmental epidemiology, and microbiome research methods with a publication record of 70 peer-reviewed articles related to obesity, type 2 diabetes, health disparities, and the adverse health impacts of environmental toxicants. Overall, her research fuses clinical research with epidemiological approaches to evaluate the contribution of environmental exposures to the development of chronic disease, including ambient and traffic-related air pollution, as well as persistent organic pollutants. Her research includes some of the first investigations to show that exposure to air pollutants contributes to the pathophysiology of type 2 diabetes in youth as well as the composition and function of the gut microbiome across the lifecourse. Dr. Alderete also holds an international leadership position as co-chair of the Communications Committee at the International Society for Environmental Epidemiology (ISEE). Lastly, Dr. Alderete has received an NIEHS K99/R00, Health Effects Institute (HEI) Rosenblith New Investigator Award, an NIEHS R01, and co-leads Project 1 of the Southern California Center for Chronic Health Disparities in Latino Families and Children (SCC-CHDLFC).



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