Dr. Soliman is Associate Professor at the CUNY Graduate School of Public Health. Dr. Soliman’s transdisciplinary research portfolio spans cardiometabolic and cancer research, chronic disease prevention, population health, school nutrition, systems biology, and laboratory-based nutrient metabolism. Her research integrates nutrigenomic regulation of the Target of Rapamycin (mTOR) signaling pathway, targeted metabolomics, diet and exposomics, as well as the use of genome-wide association studies (GWAS) databases to investigate the causal role of mTOR and nutrients in diabetes and obesity, to explain health outcomes, and inform repurposing opportunities of FDA-approved mTOR inhibitors. Dr. Soliman’s research is supported by the American Heart Association, NIDDK of the NIH, and the Academy of Nutrition and Dietetics Foundation, as well as internal university grants.