



Department of Health and Nutrition Sciences
Research Seminar

Tuesday, May 7, 11 am- 12 pm
Room 4145N

**“The role of mTOR complexes signaling
in diabetes and cardiometabolic
diseases”**

**Ghada A. Soliman,
MD, PhD, RD**

Associate Professor of Nutrition
Department of Environmental,
Occupational, and Geospatial
Health Sciences
Graduate School of Public Health
and Health Policy
City University of New York

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.