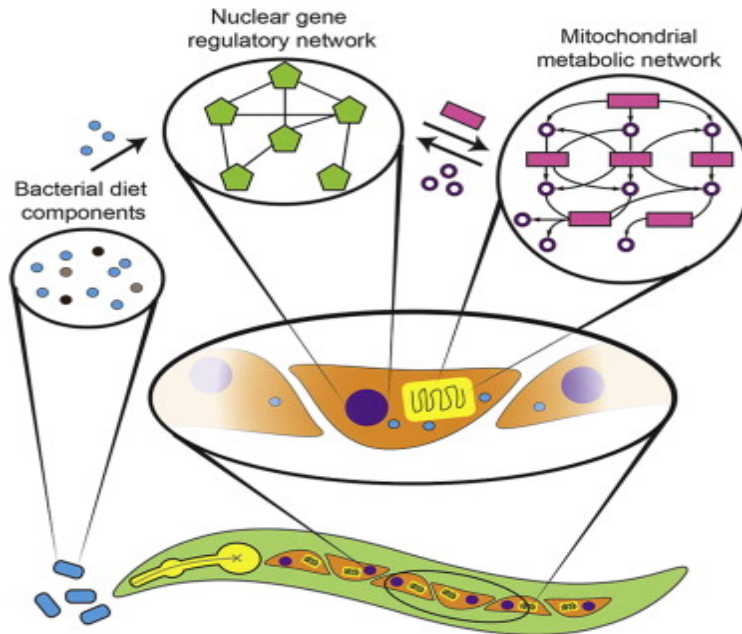




Gene regulatory and metabolic networks



Gene regulation and metabolism lie at the heart of most biological processes. Both are accomplished by complex networks harboring hundreds of nodes and thousands of edges. We study these networks and the interactions between them mainly in the nematode *C. elegans*, because it is amenable to high-throughput, large-scale genetics and genomics. In addition, we study interspecies network interactions between *C. elegans* and bacteria, that may help illuminate connections between mammalian intestinal cells and the gut microbiota.

Dr. Marian Walhout
Co-Director, Program in Systems Biology
Professor, Program in Molecular Medicine
University of Massachusetts Medical School

Host: Dr. Julie Claycomb

Date: Monday December 12th, 2016

Time: 4PM

Place: Fitzgerald Building
Room 103