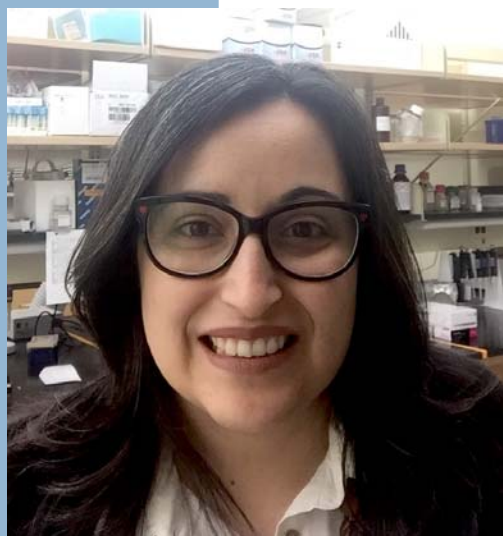




Speaker Series

Guest Speaker

"Genetic and environmental factors in human molecular and complex traits"



Francesca Luca, PhD

Associate Professor

Center for Molecular Medicine and Genetics

Wayne State University, Detroit, Michigan

Human complex traits result from genetic and environmental factors, and from their interactions. Many of these effects are mediated by changes in gene regulation. Indeed most genetic variants associated with complex trait variation in humans are in regulatory regions. I will present some of our recent studies on environmental factors ranging from environmental contaminants to cellular contexts, and from commensal microbial communities to psychosocial experiences. I will present evidence that gene-environment interactions in molecular phenotypes are frequent, account for a substantial portion of complex trait variation and modify genetic risk for common diseases.

Monday, February 10, 2020

11:00am – 12:00pm

Gonda Building 1st Floor Conference Room, 1357

Light snacks will be provided

To meet with Dr. Francesca Luca, please contact:

Host: Dr. Kirk Lohmueller, klohmueller@ucla.edu

To receive seminar notices, contact Charina McDonald (cmcdonald@mednet.ucla.edu)

Upcoming speakers, <https://medschool.ucla.edu/human-genetics/seminar-series>