



Speaker Series

Guest Speaker

“I found some SNPs, now what? Approaches to translate genetic association to function by leveraging context informative experiments”



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The vast majority of disease causing mutations reside in the non-coding component of the genome, leading to the natural hypothesis that their mechanism of action is alteration of transcriptional regulation. Transcriptional regulation itself varies across contexts including cell type, sex, development stage, and environmental exposure. In addition, there is mounting evidence that disease causing variants may only act in specific contexts. To identify these contexts, and shed light on disease mechanism, my work focuses on combining context informative experiments with novel statistical approaches that go beyond standard GWAS and eQTL studies. In this talk I will describe results from experiments performed across age, cell types, and environmental perturbations as well as methods to powerfully integrate these results with genetic association studies.

Monday, March 9, 2020

11:00am – 12:00pm

Gonda Building 1st Floor Conference Room, 1357

Light snacks will be provided

To meet with Dr. Brunilda Balliu, please contact:
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To receive seminar notices, contact Blanca Ramirez (blancaramirez@mednet.ucla.edu)
Upcoming speakers, <https://medschool.ucla.edu/human-genetics/seminar-series>