



BRIGHAM AND
WOMEN'S HOSPITAL



HARVARD
MEDICAL SCHOOL

181 Longwood Avenue
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Department of Medicine
Channing Division of Network Medicine

Channing Microbiome Seminar

July 2, 2014, 3pm @ 5th-floor conference room



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A story of biological networks

Abstract: Systems biology is an interdisciplinary research field with a focus on developing quantitative methods to predict phenotypes of biological systems. For such a lofty goal to be achieved, it is necessary to focus on complex interactions -- the networks -- within a biological system of interest. I will discuss results from a wide range of studies conducted in my lab, spanning gene-expression networks in microorganisms and humans, protein-structure networks, and genome-scale metabolic analysis. In the latter, we will give in-depth description of an approach to utilize high-throughput data to understand metabolic phenotypes.

Hosted by Yang-Yu Liu