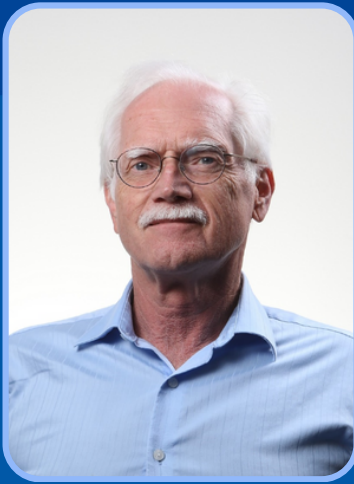


The Division of Biomedical Sciences Speaker Series presents:

JAKE LUSIS PH.D.

Professor of Microbiology, Human Genetics, and Medicine,
University of California, Los Angeles



“Systems genetics analysis of heart failure”

DIVISIONAL SPEAKER SEMINAR SERIES (BMSC252)

BIOGRAPHY

MONDAY
FEBRUARY 26TH, 2024

4PM - 5PM

SCHOOL OF MEDICINE
EDUCATION BUILDING II
ROOM 205
(SECOND FLOOR)

Jake Lulis is Professor of Microbiology, Human Genetics and Medicine at the University of California, Los Angeles. He obtained his Ph.D. in Biophysics from Oregon State University and did postdoctoral work in molecular genetics and mouse genetics at Roswell Park Memorial Institute prior to joining the faculty of UCLA. Lulis' lab studies naturally occurring genetic variations in mice and in humans to help understand interactions underlying complex cardiovascular and metabolic disorders. A major focus of the lab over the past decade has been to leverage common genetic variation in populations to integrate clinical traits with “intermediate” phenotypes obtained using high throughput technologies such as expression arrays, sequencing, or proteomics, an approach known as “systems genetics”. To facilitate this approach, they have developed a reference resource termed the Hybrid Mouse Diversity Panel (HMDP) that can be used to carry out whole-genome association mapping.