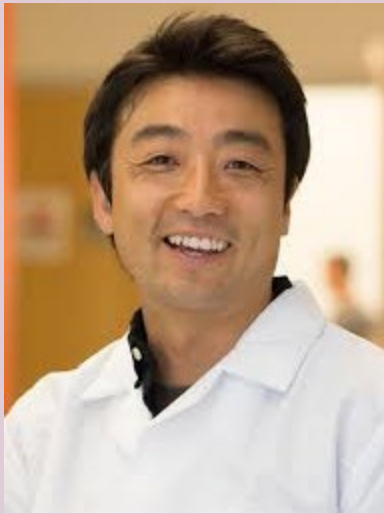


DIABETES AND METABOLISM SEMINAR SERIES



The Color of Fat: Brown, Beige, and White

Shingo Kajimura, PhD

Associate Professor
Department of Cell and Tissue Biology
UCSF Diabetes Center

Wednesday,
May 24 2017

4:00 - 5:00pm

Orin Smith Auditorium
SLU Campus
850 Republican Street

The focus of the Kajimura lab is to understand the mechanism by which increased beige fat mass leads to an improvement in systemic glucose homeostasis. Ultimately, they aim to decode the transcriptional and epigenetic networks that control the development and function of brown adipocytes, and to study their functional roles in metabolism and systemic glucose regulation. Specifically, the Kajimura lab has targeted mitochondria-rich brown and beige fat and their potential to regulate glucose homeostasis and insulin sensitivity with the goal of uncovering the molecular circuits that regulate energy homeostasis, along with the functions of adipose tissues in metabolism. Their research strives to revolutionize the present understanding of metabolic regulation and improve current treatments for insulin insensitivity.



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