

Doctoral College Metabolic & Cardiovascular Disease

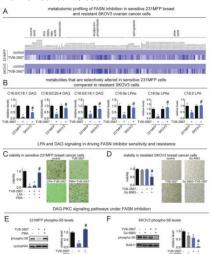


MAPPING METABOLIC DRIVERS OF DISEASE USING CHEMOPROTEOMIC AND METABOLOMIC PLATFORMS

GUEST LECTURE by



Activity-based protein profiling. Komura et al. (2010) Nat Rev Cancer 10:630-8



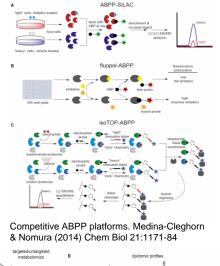
Metabolomic profiling of FASN inhibition reveals DAG metabolism and signaling as important drivers of FASN inhibitor sensitivity. Benjamin et al. (2015) ACS Chem Biol 10:1616-23

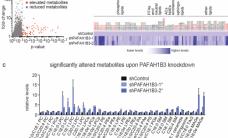
Prof. Daniel K. Nomura, PhD

Departments of Chemistry & Nutritional Sciences & Toxicology, University of California, Berkeley **Department of Pharmaceutical Chemistry,** University of California, San Francisco, USA

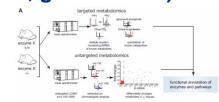
> Thursday, 24.03.2016 15:00

Lecture Hall, Department of Pathology, MUG (Auenbruggerplatz 15, ground floor)

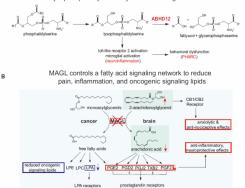


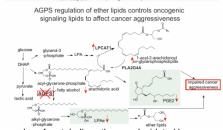


Metabolic profiling reveals PAFAH1B3 as a critical driver of breast cancer pathogenicity. Mulvihill et al. (2014) Chem Biol 21:831-40



Targeted and untargeted metabolomics. Mulvihill & Nomura (2014) Am J Physiol Endocrinol Metab 307:E237-44





Examples of metabolic pathways elucidated by metabolic profiling. Medina-Cleghorn & Nomura (2014) Chem Biol 21:1171-84