Adipose Tissue: Energizing Good Fat (Y5-2023)
Organizer(s): Silvia Corvera, Kendra K. Bence and Rana K. Gupta
Keystone Resort, Keystone, CO • January 15 - January 19, 2023
Supported by the Directors' Fund

Sunday, January 15
Arrival and Registration
Welcome Mixer

Monday, January 16
Breakfast
Welcome and Keynote Session (Joint)
Peter Tontonoz †, University of California, Los Angeles
Molecular Mechanisms of Cardiometabolic Health
Sherita H. Golden †, Johns Hopkins School of Medicine
Diabetes and Social Determinants of Health
Metabolic Flux in Health and Disease (Joint)
Joshua D. Rabinowitz †, Princeton University
Cellular and Systemic Metabolic Flux
Michelle F. Clasquin †, Pfizer, Inc.
Metabolic Flux in Disease States
David E. James †, University of Sydney
Phosphorylation Mechanisms Controlling Metabolic Flux
David A. Guertin †, University of Massachusetts Medical School
Metabolic Flux in Adipose Tissues
Short Talks Chosen from Abstracts
On Own for Lunch
Poster Setup
Poster Viewing
Fat Depots and Inter-Organ Communication
Kendra K. Bence, Pfizer Inc.
Adipose Tissue Role in NASH
Clair Crewe †, Washington University School of Medicine in St. Louis
Modes of Signaling from Adipose Tissue
Jeremie Boucher †, Evotec
Adipose Tissue Targets in Metabolic Disease
Short Talks Chosen from Abstracts
Social Hour with Lite Bites
Poster Session 1

Tuesday, January 17
Breakfast
Bioenergetics and Energy Homeostasis (Joint)
Vamsi K. Mootha †, Massachusetts General Hospital
Mitochondrial Systems Biology
Jared Rutter, University of Utah
Mitochondrial Pyruvate Carrier and Metabolism
Deborah M. Muoio †, Drexel University Medical Center
Mitochondrial Dysfunction in Cardiometabolic Disease
Shingo Kamimura, Harvard Medical School
Beth Israel Deaconess Medical Center
Mitochondrial Bioenergetics in Adipose Tissue
Short Talks Chosen from Abstracts
On Own for Lunch
Poster Setup
Poster Viewing
Heterogeneity of Adipocytes and their Progenitors
Rana K. Gupta, University of Texas Southwestern Medical Center
Adipocyte Progenitors in Adipose Tissue Development

Wednesday, January 18
Breakfast
Adipose Tissue and Metabolic Diseases (Joint)
Bruce M. Spiegelman †, Harvard Medical School
Different Adipocyte Thermogenic Mechanisms
Silvia Corvera, University of Massachusetts Medical School
Therapeutic Potential of Thermogenic Adipose Tissue
Philipp E. Scherer †, University of Texas Southwestern Medical Center
Adipocyte Mitochondria and Systemic Metabolism
Sadaf Farooqi †, University of Cambridge
Genetic Determinants of Adiposity
Short Talks Chosen from Abstracts
On Own for Lunch
Poster Setup
Poster Viewing
Adipose Tissue Homeostasis and Remodeling
Karine Clément †, INSERM / Sorbonne Université
Adipose Tissue Remodeling in Obesity
Diane Mathis †, Harvard Medical School
Immune Homeostasis in Adipose Tissue
Mitchell A. Lazar †, Perelman School of Medicine, University of Pennsylvania
Molecular Mechanisms of Immune Homeostasis
Short Talks Chosen from Abstracts
Social Hour with Lite Bites
Poster Session 3

Thursday, January 19
Breakfast
Neurovascular Architecture of Adipose Tissue
Paul Cohen †, Rockefeller University
Development of Adipose Tissue Innervation
Jun Wu †, University of Michigan
Neurotransmitter Signaling in Adipose Tissue
Ana Domingos †, University of Oxford
Adipose Tissue Adrenergic Tone
Short Talks Chosen from Abstracts
On Own for Lunch
Lipid Droplet Dynamics and Lipid Signaling
Yu-Hua Tseng †, Joslin Diabetes Center/Harvard Medical School
Lipid Metabolites in Systemic Metabolism
Richard White †, Memorial Sloan Kettering Cancer Center
Lipid Droplet Dynamics in Zebrafish
Meng C. Wang †, Baylor College of Medicine/HHMI
Lipid Dynamics during Lipolysis
Short Talks Chosen from Abstracts

Meeting Wrap-Up: Outcomes and Future Directions (Organizers)
Social Hour with Lite Bites
Entertainment
Departure Friday, January 20

November 19 9:12:13AM * Chair † Invited, not yet responded Y5 Page 1 of 2