

WEDNESDAY 27TH FEBRUARY 2019

13:15 – 14:00	Student & Postdoc Networking Lunch	
14:00 – 15:00	Registration & Welcome Reception	
15:00 – 15:10	Opening Comments	
15:10 – 15:50	Douglas Wallace <i>Children's Hospital of Philadelphia</i>	A MITOCHONDRIAL ETIOLOGY OF THE COMMON "COMPLEX" DISEASES
AGING AND STEM CELLS <i>Session Chair: TBC</i>		
15:50 – 16:20	Matt Kaerberlein <i>University of Washington</i>	TBC
16:20 – 16:50	Yousin Suh <i>Albert Einstein College of Medicine</i>	FUNCTIONAL GENETIC VARIATION IN NUCLEAR-ENCODED MITOCHONDRIAL GENES ASSOCIATED WITH HUMAN LONGEVITY
16:50 – 17:20	Leanne Jones <i>University of California, Los Angeles</i>	TBC
17:20 – 17:40	Mireille Khacho <i>University of Ottawa</i>	MITOCHONDRIAL DYNAMICS AND REDOX REGULATION OF STEM CELL FATE
17:40 – 18:10	Refreshments	
18:10 – 18:40	Johan Auwerx <i>Ecole Polytechnique Federale de Lausanne</i>	NAD AND MITOCHONDRIA
18:40 – 19:10	William Mair <i>Harvard University</i>	NEURONAL TORC1 MODULATES LONGEVITY VIA AMPK AND CELL NONAUTONOMOUS REGULATION OF MITOCHONDRIAL DYNAMICS IN C. ELEGANS
19:10 – 19:30	Keshav K Singh <i>University of Alabama at Birmingham</i>	REVERSING WRINKLED SKIN AND LOST HAIR IN MICE BY RESTORING MITOCHONDRIAL FUNCTION
19:30 – 19:50	Changhan Lee <i>University of Southern California</i>	INTERGENOMIC BASIS OF MITONUCLEAR COMMUNICATION
19:20 – 19:50	Accompanying Guests Pre-Dinner Welcome Drinks	
19:50	Group Dinner	

THURSDAY 28TH FEBRUARY 2019

07:00 – 09:00	Buffet Breakfast at The Market Place	
MITOCHONDRIA, DISEASE AND INTERVENTIONS <i>Session Chair: TBC</i>		
09:00 – 09:30	Anu Suomalainen- War-tiovaara <i>University of Helsinki</i>	TBC
09:30 – 10:00	Isha Jain <i>University of California, San Francisco</i>	TBC
10:00 – 10:20	Anthony Grillo <i>University of Washington</i>	PROTEIN KINASE C IS A KEY TARGET FOR ATTENUATION OF INFLAMMATION BY RAPAMYCIN DURING SEVERE MITOCHONDRIAL DISEASE
10:20 – 10:40	Katharina Schlacher <i>MD Anderson Cancer Center</i>	THE FANCONI ANEMIA PATHWAY PROTEINS PROTECT MITOCHONDRIAL DNA REPLICATION FORK TO SUPPRESS INFLAMMATION
10:40 – 11:25	Group Photo, Refreshments & Poster Viewing	
11:25 – 11:45	Volkmar Weissig <i>Midwestern University Glendale</i>	MITOCHONDRIA-TARGETED NANOCARRIERS
11:45 – 12:05	Ronald Davis <i>Scripps Research Institute Florida</i>	SMALL MOLECULE PROBES TARGETING NEURONAL MITOCHONDRIAL DYNAMICS INCREASE ATP PRODUCTION, RESCUE OXIDATIVE STRESS AND AMYLOID BETA MEDIATED NEUROTOXICITY
12:05 – 12:25	Anna Klucnika <i>University of Cambridge</i>	THE USES AND MECHANISMS OF MITOCHONDRIAL RECOMBINATION
12:25 – 13:00	Meet the Poster Presenters Moderators: TBC	
13:00 – 16:50	Lunch at Leisure & Free Time	
MITOCHONDRIA, DISEASE AND INTERVENTIONS II <i>Session Chair: TBC</i>		
16:50 – 17:20	Eileen White <i>Rutgers Cancer Institute of New Jersey</i>	MITOCHONDRIA AND CANCER
17:20 – 17:50	Kelvin Yen <i>University of Southern California</i>	A NOVEL MITOCHONDRIAL DERIVED PEPTIDE AFFECTING DIABETES
17:50 – 18:10	David Kashatus <i>University of Virginia</i>	DRP1 PROMOTES KRAS-DRIVEN METABOLIC CHANGES AND PANCREATIC TUMOR GROWTH
18:10 – 18:30	Marija Sajic	MITOCHONDRIAL DYSFUNCTION IN PERIPHERAL AXONS IS AN

	<i>UCL Institute of Neurology</i>	EARLY EVENT IN THE DEVELOPMENT OF DIABETIC NEUROPATHY INDUCED BY HIGH FAT DIET — A STUDY BY CONFOCAL MICROSCOPY AND ELECTROPHYSIOLOGY IN VIVO
18:30 – 20:30	Poster Session & Refreshments	
20:30	Group Dinner	

FRIDAY 01ST MARCH 2019

07:00 – 09:00	Buffet Breakfast at The Market Place	
MITOCHONDRIAL HOMEOSTASIS AND MODES OF METABOLISM <i>Session Chair: TBC</i>		
09:00 – 09:30	Thomas Langer <i>Max Planck Institute for Biology of Ageing</i>	PROTEOLYTIC CONTROL OF MITOCHONDRIAL MEMBRANE HOMEOSTASIS
09:30 – 09:50	David Patten <i>University of Ottawa</i>	ALTERED MITOCHONDRIAL DYNAMICS IN METABOLICALLY FLEXIBLE CELLS DRIVES PROTECTIVE GLUTATHIONE SYNTHESIS
09:50 – 10:20	Gerald Shadel <i>The Salk Institute for Biological Studies</i>	ADAPTIVE RESPONSES TO MITOCHONDRIAL STRESS
10:20 – 10:40	Brett Kaufman <i>University of Pittsburgh</i>	G-QUADRUPLEX DYNAMICS CONTRIBUTE TO EPIGENETIC REGULATION OF MITOCHONDRIAL FUNCTION
10:40 – 11:25	Refreshments & Poster Viewing	
11:25 – 11:55	Heidi McBride <i>McGill University</i>	EXPLORING THE MECHANISM OF IRON DELIVERY TO MITOCHONDRIA
11:55 – 12:25	Luca Scorrano <i>University of Padova</i>	TBC
12:25 – 16:45	Lunch at Leisure & Free Time	
13:15 – 16:15	Group Activity: Snorkeling	
MITOCHONDRIAL HOMEOSTASIS AND MODES OF METABOLISM II <i>Session Chair: TBC</i>		
16:45 – 17:15	Marcia Haigis <i>Harvard Medical School</i>	TBC
17:15 – 17:45	Philipp Scherer <i>The University of Texas Southwestern Medical Center</i>	MITOCHONDRIAL DYSFUNCTION IN THE ADIPOCYTE
17:45 – 18:05	Michael O. Hottiger <i>University of Zurich</i>	MITOCHONDRIAL ADP-RIBOSYLATION REGULATES PROPER MITOCHONDRIAL FUNCTION AND NAD ⁺ SIGNALLING
18:05 – 18:50	Refreshments & Poster Viewing	
18:50 – 19:20	Nika Danial	TBC

	<i>Dana-Farber Cancer Institute / Harvard Medical School</i>	
19:20 – 19:50	Steven S. Gross <i>Weill Cornell Medical College</i>	TBC
19:50 – 20:10	Fahmida Jahan <i>University of Ottawa</i>	NAD+ DEPLETION AS A CAUSE OF PLACENTAL DYSFUNCTION IN PREECLAMPSIA
20:10	Gala Dinner & Poster Awards	

SATURDAY 02ND MARCH 2019

07:00 – 09:00	Buffet Breakfast at The Market Place	
CROSSTALK AND COMMUNICATION <i>Session Chair: TBC</i>		
09:00 – 09:30	Cole Haynes <i>University of Massachusetts Medical School</i>	EXPANDING AND SHRINKING THE MITOCHONDRIAL NETWORK
09:30 – 10:00	Jodi Nunnari <i>University of California, Davis</i>	MITOCHONDRIAL BEHAVIOR
10:00 – 10:30	Jose Antonio Enriquez <i>CNIC</i>	TBC
10:30 – 10:50	Jorida Coku <i>University of Pennsylvania</i>	DISRUPTED CALCIUM SIGNALING AT ENDOPLASMIC RETICULUM-MITOCHONDRIA CONTRACT SITES PROMOTES NEUROBLASTOMA MULTIDRUG RESISTANCE
10:50 – 11:20	Refreshments	
11:20 – 11:40	John Lemasters <i>Medical University of South Carolin</i>	A UNIFYING HYPOTHESIS LINKING MITOCHONDRIAL ADAPTATIONS FOR ALDEHYDE METABOLISM TO THE PROINFLAMMATORY AND PROFIBROTIC EVENTS OF ALCOHOLIC AND NON-ALCOHOLIC STEATOHEPATITIS
11:40 – 12:00	Zhi Zhong <i>Medical Univ. of South Carolina</i>	SUPPRESSED MITOCHONDRIAL BIOGENESIS (MB) PLAYS AN IMPORTANT ROLE IN ACUTE KIDNEY INJURY (AKI) INDUCED BY SEVERE LIVER INJURY AND FIBROSIS
12:00 – 12:20	Liming Pei <i>Children's Hospital of Philadelphia</i>	SINGLE-NUCLEUS TRANSCRIPTOMIC SURVEY OF CELL HETEROGENEITY AND FUNCTIONAL REMODELING IN MITOCHONDRIAL CARDIOMYOPATHY
12:20 – 12:30	Closing Comments	