

NOVEMBER 13th 2015

8:00-22:00	Registration	Zijinggang International Hotel(紫金港国际饭店)
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NOVEMBER 14th 2015

8:00-8:30	Opening Remarks and Group Photo	
Session I	Chairs: Shusen Liu / Min-Xin Guan	William Mong Building (蒙民伟楼)
8:30-9:10	Mitochondrial genetics and epigenetics	Douglas C. Wallace University of Pennsylvania, Philadelphia
9:10-9:50	Metabolic control of mitochondrial dynamics	David C. Chan California Institute of Technology, Pasadena
9:50-10:00	Coffee Break	
Session II	Chairs: Yau-Huei Wei / Masashi Tanaka	
10:00-10:25	New mechanisms of neurodegeneration in mitochondrial disorders	Massimo Zeviani MRC-Mitochondrial Biology Unit, Cambridge
10:25-10:50	Mechanism of cellular degeneration induced by mitochondrial membrane proteostatic stress	Xin Jie Chen State University of New York Upstate Medical University, Syracuse
10:50-11:15	Molecular pathogenesis of mitochondrial disease caused by tRNA modification deficiency	Tsutomu Suzuki University of Tokyo, Tokyo
11:15-11:40	Molecular defects in mitochondrial protein translation machinery	Lee-Jun C. Wong Baylor College of Medicine, Houston
11:40-12:00	Mitochondrial deafness	Min-Xin Guan Zhejiang University, Hangzhou
12:00-13:30	Lunch	Poster Presentation
12:00-12:30	Luncheon Seminar	Zhejiang DIAN Diagnostics Co., Ltd. Hangzhou
12:30-13:30	ASMRM Council Meeting	Room 123, College of Life Sciences
Session III	Chairs: Hong-Kyu Lee / Quan Chen	William Mong Building (蒙民伟楼)
13:30-13:55	Mitochondrial dysfunction and dysregulation of Ca ²⁺ homeostasis in insulin insensitivity and diabetes	Yau-Huei Wei Mackay Medical College, Taipei
13:55-14:20	Endocrine disrupting chemicals, mitochondrial dysfunction and metabolic syndrome	Hong-Kyu Lee Eulji University, Seongnam
14:20-14:45	Application of whole-exome sequencing to identify novel disease causing genes associated with mitochondrial diseases.	Taosheng Huang Cincinnati Children's Hospital Medical Center, Cincinnati
14:45-15:10	Challenge to the diagnosis of mitochondrial disease in clinical practice	Chuanzhu Yan Shandong University, Jinan
15:10-15:35	GDF15 is a novel biomarker to evaluate efficacy of pyruvate therapy for mitochondrial disorders	Masashi Tanaka Tokyo Metropolitan Institute of Gerontology, Tokyo
15:35-15:45	Coffee Break	
Session IV	Chairs: Myung-Shik Lee / Yong Zhang	
15:45-16:05	Cytosolic PINK1 and mitophagy-controversies and implications for Parkinson's disease	Kah-Leong LIM National University of Singapore, Singapore
16:05-16:25	Autophagy deficiency in myeloid cells leads to impaired mitochondrial function, increased inflammasome activation and metabolic syndrome	Myung-Shik Lee Yonsei University, Seoul
16:25-16:45	Integrated nano/micro technology in addressing mitochondria diseases	Dar-Bin Shieh National Cheng Kung University, Tainan
16:45-17:05	Mitochondrial genetic defects and neurological disorders	Zhi-Ying Wu Zhejiang University, Hangzhou
17:05-17:25	Mitochondrial DNA rare variants are genetic risk factors for type 2 diabetes mellitus in Chinese population	Jianxin Lyu Wenzhou Medical University, Wenzhou
17:25-17:45	Functional role of respiratory supercomplexes	José Antonio Enriquez Dominguez Centro Nacional de Investigaciones Cardiovasculares Carlos III, Madrid
17:45-18:05	Whole exome analysis of mitochondrial respiratory chain disorders: Prenatal genetic diagnosis	Taro Yamazaki Saitama Medical University, Saitama
18:45	Banquet (Poster Awards)	

NOVEMBER 15th 2015

Session V	Chairs: Jiankang Liu / Chin-San Liu	William Mong Building (蒙民伟楼)
8:00-8:20	Molecular interplay of mitochondrial dynamic with receptor-mediated mitophagy	Quan Chen Chinese Academy of Sciences, Beijing
8:20-8:40	Mitochondrial fission and stress	Alexander M. van der Bliek University of California, Los Angeles
8:40-9:00	Transcriptional control of cardiac mitochondrial biogenesis and maturation	Daniel P. Kelly Sanford Burnham Prebys Medical Discovery Institute, Orlando
9:00-9:20	Mitochondrial function in stem cell differentiation	Jin Han Inje University, Busan
9:20-9:40	Systemic homeostatic adjustment of energy metabolism in tissue-specific mitochondrial dysfunction	Minho Shong Chungnam National University, Daejeon
9:40-10:00	Targeting mitochondria to prevent age-associated diseases with nutraceuticals: Hydroxytyrosol is a rising star after resveratrol	Jiankang Liu Xi'an Jiaotong University, Xi'an
10:00-10:10	Coffee Break	
	Chairs: Dongchon Kang / Minho Shong	
10:10-10:30	Exercise-induced mitochondrial homeostasis mediates myokine biological effects in muscle	Yong Zhang Tianjin University of Sport, Tianjin
10:30-10:50	Mitochondrial homeostasis and redox signaling: insight learned from muscle atrophy	Li Li Ji University of Minnesota Twin Cities, Minneapolis
10:50-11:10	Molecular mechanisms of metabolic reprogramming and other oxidative stress protective pathways; lessons from inborn errors of fatty acid oxidation	Rikke Katrine Jentoft Olsen Aarhus University, Aarhus
11:10-11:30	Dynamics of respiratory complex assembly	Yidong Bai University of Texas Health Science Center at San Antonio, San Antonio
11:30-11:50	Mitochondrial signaling in disuse-induced skeletal muscle atrophy	Scott K. Powers University of Florida, Gainesville
11:50-12:10	The role of mitochondria in aerobic trainability	Zsolt Radak University of Physical Education, Budapest
12:10-12:30	Regulation of Parkin and its substrate VDAC	Jongkyeong Chung Seoul National University, Seoul
12:30-13:30	Lunch	
Session VI	Chairs: Huangen Ding / Mou-Chieh Kao	Zijinggang Hall, Alumni Center (校友楼/紫金港厅)
13:30-13:50	Cdh1 regulates tumorigenesis and craniofacial development via the WWP2/Goosecoid signaling axis	Wenyi Wei Harvard Medical School, Boston
13:50-14:10	Mitochondrial p32 is essential for OXPHOS and TLR-mediated activation in dendritic cells	Dongchon Kang Kyushu University, Fukuoka
14:10-14:30	Redox signaling of mitochondrial outer membrane protein mitoNEET	Huangen Ding Louisiana State University, Baton Rouge
14:30-14:50	Allo-/xenogeneic transplantation of peptide-labelled mitochondria in Parkinson's disease: restoration of mitochondria functions and attenuation of 6-OHDA-induced neurotoxicity	Chin-San Liu Changhua Christian Hospital, Changhua
14:50-15:10	Functional characterization, dual localization and post-translational modifications of NDUFS7 subunit in human mitochondrial complex I	Mou-Chieh Kao National Tsing Hua University, Hsinchu
15:10-15:20	Coffee Break	
	Chairs: Zhiyin Song / Xingguo Liu	
15:20-15:40	The role of fusion in mitochondrial quality control	Wei Yuan Yang Academia Sinica, Taipei
15:40-16:00	The role of MICOS complex in mitochondrial dynamics and mtDNA nucleoid organization	Zhiyin Song Wuhan University, Wuhan
16:00-16:20	Impairment of mitochondrial respiratory function as an early biomarker of apoptosis induced by growth factor removal	Erich Gnaiger Innsbruck Medical University, Innsbruck
16:20-16:40	Study on the relationship between mitochondrial DNA mutation and pathology	Xingguo Liu Chinese Academy of Sciences, Guangzhou
Session VII	Chairs: Jianxin Lyu / Chuanzhu Yan	Xixi Hall, Alumni Center (校友楼/西溪厅)
13:30-13:50	RAS-RAF-MEK pathway protects neuronal atrophy caused by motor protein malfunction and mitochondrial impairment	Jian-Sheng Kang Chinese Academy of Sciences, Shanghai
13:50-14:10	Sensitizing human leukemia cells to apoptosis induction by inhibition of fatty acid oxidation	Ye Chen Zhejiang University, Hangzhou
14:10-14:30	Mitochondrial genome instability and tumorigenesis	Jinliang Xing Fourth Military Medical University, Xi'an
14:30-14:50	Mitochondrial damage-associated molecular patterns in the regulation of immune response	Xiawei Wei Sichuan University, Chengdu
14:50-15:10	Nuclear genes in Leber's hereditary optic neuropathy	Pingping Jiang Zhejiang University, Hangzhou
15:10-15:20	Coffee Break	
	Chairs: Zhi-Ying Wu / Taosheng Huang	
15:20-15:40	Crosstalk between mitochondrial fusion and the Hippo pathway in controlling cell proliferation during <i>Drosophila</i> development	Wanzhong Ge Zhejiang University, Hangzhou
15:40-16:00	The Dual role of mitochondrion in T-2 toxin response	Peiqiang Mu South China Agricultural University, Guangzhou
16:00-17:00	Trainee Presentation	