

The 12th Conference of the Asian Society of Mitochondrial Research and Medicine (ASMRM) & The 6th Conference of Chinese Society of Mitochondrial Research and Medicine (Chinese-Mit)

November 13-15 Zhejiang University, Hangzhou

NOVEMBER 13TH 2015

Registration

NOVEMBER 14TH 2015

Session I	TBA	Douglas C. Wallace University of Pennsylvania, Philadelphia
	Metabolic control of mitochondrial dynamics	David C. Chan California Institute of Technology, Pasadena
Session II	New mechanisms of neurodegeneration in mitochondrial disorders.	Massimo Zeviani MRC-Mitochondrial Biology Unit, Cambridge
	Mechanism of cellular degeneration induced by mitochondrial membrane proteostatic stress	Xinjie Chen State University of New York Upstate Medical University, Syracuse
	Molecular pathogenesis of mitochondrial disease caused by tRNA modification deficiency	Tsutomu Suzuki University of Tokyo, Tokyo
	Molecular defects in mitochondrial protein translation machinery	Lee-Jun C. Wong Baylor College of Medicine, Houston
	Mitochondrial translation deficiency and diseases	Min-Xin Guan Zhejiang University, Hangzhou
Luncheon Seminar	Impairment of mitochondrial respiratory function as an early biomarker of apoptosis induced by growth factor removal	Erich Gnaiger Oroboros Instruments Corp., Austria
Session III	Mitochondrial dysfunction and dysregulation of Ca ²⁺ homeostasis in insulin insensitivity and diabetes	Yau-Huei Wei National Yang-Ming University & Mackay Medical College, Taipei
	Endocrine disrupting chemicals, mitochondrial dysfunction and metabolic syndrome	Hong-Kyu Lee Eulji University, Seongnam
	Application of whole-exome sequencing to identify novel disease causing genes associated with mitochondrial diseases.	Taosheng Huang Cincinnati Children's Hospital Medical Center, Cincinnati
	Challenge to the diagnosis of mitochondrial disease in clinical practice	Chuanzhu Yan Shandong University, Jinan
	GDF15 is a novel biomarker to evaluate efficacy of pyruvate therapy for mitochondrial disorders	Masashi Tanaka Tokyo Metropolitan Institute of Gerontology, Tokyo
Session IV	Cytosolic PINK1 and mitophagy-controversies and implications for Parkinson's disease	Kah-Leong Lim National University of Singapore, Singapore
	Autophagy deficiency in myeloid cells leads to impaired mitochondrial function, increased inflammasome activation and metabolic syndrome	Myung-Shik Lee Yonsei University, Seoul
	Integrated nano/micro technology in addressing mitochondria diseases	Dar-Bin Shieh National Cheng Kung University, Tainan

Session IV	Mitochondrial genetic defects and neurological disorders	Zhiying Wu Zhejiang University, Hangzhou
	Mitochondrial DNA rare variants are genetic risk factors for type 2 diabetes mellitus in Chinese Population	Jianxin Lyu Wenzhou Medical University, Wenzhou
	Targeting mitochondria to prevent age-associated diseases with nutraceuticals: Hydroxytyrosol is a rising star after resveratrol	Jiankang Liu Xi'an Jiaotong University, Xi'an

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Session V	TBA	Quan Chen Institute of Zoology, Chinese Academy of Sciences, Beijing
	Mitochondrial fission and stress	Alexander M. van der Bliek University of California, Los Angeles
	Transcriptional control of cardiac mitochondrial biogenesis and maturation	Daniel P. Kelly Sanford Burnham Prebys Medical Discovery Institute, Orlando
	Quality control of mitochondrial respiratory machinery	Yidong Bai University of Texas Health Science Center at San Antonio, San Antonio
	Systemic homeostatic adjustment of energy metabolism in tissue-specific mitochondrial dysfunction	Minho Shong Chungnam National University, Daejeon
	Functional role of respiratory supercomplexes	José Antonio Enriquez Dominguez Centro Nacional de Investigaciones Cardiovasculares Carlos III, Madrid
	Exercise-induced mitochondrial homeostasis mediates myokine biological effects in muscle	Yong Zhang Tianjin University of Sport, Tianjin
	Mitochondrial homeostasis and redox signaling: insight learned from muscle atrophy	Li Li Ji University of Minnesota Twin Cities, Minneapolis
	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
	Mitochondrial p32 is essential for OXPHOS and TLR-mediated activation in dendritic cells	Dongchon Kang Kyushu University, Fukuoka
	Mitochondrial signaling in disuse-induced skeletal muscle atrophy	Scott K. Powers University of Florida, Gainesville
	The role of mitochondria in aerobic trainability	Zsolt Radak University of Physical Education, Budapest
Session VI	Redox signaling of mitochondrial outer membrane protein mitoNEET	Huangen Ding Louisiana State University, Baton Rouge
	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
	Mitochondrial function in stem cell differentiation	Jin Han Inje University, Busan
	Functional characterization, dual localization and post-translational modifications of NDUF57 subunit in human mitochondrial complex I	Mou-Chieh Kao National Tsing Hua University, Hsinchu
	The role of MICOS complex in mitochondrial dynamics and mtDNA nucleoid organization	Zhiyin Song Wuhan University, Wuhan
	The role of fusion in mitochondrial quality control	Wei Yuan Yang Academia Sinica, Taipei
	Regulation of Parkin and its substrate VDAC	Jongkyeong Chung Seoul National University, Seoul
	Study on the relationship between mitochondrial DNA mutation and pathology	Xingguo Liu Chinese Academy of Sciences, Guangzhou
	Mitochondrial genome instability and tumorigenesis	Jinliang Xing Fourth Military Medical University, Xi'an
	Cdh1 regulates tumorigenesis and craniofacial development via the WWP2/Goosecoid signaling axis	Wenyi Wei Harvard Medical School, Boston
	The structure mechanism in translation and regulation function towards mammalian mitochondrial diseases of ribosomal reverse transport enzyme EF4	Yan Qin Chinese Academy of Sciences, Beijing
	TBA	Thangaraj Kumarasamy CSIR-Centre for Cellular and Molecular Biology, Andhra Pradesh