

Tentative Scientific Program
The 11th Conference of Asian Society for Mitochondrial Research and Medicine

November 14, 2014 (Friday)	
08:00 - 08:50	Registration / Poster Display
08:50 - 09:20	Opening Ceremony
09:20 - 10:00	Plenary Lecture I <i>Chair : Min-Xin Guan, PhD (China)</i>
	The dialogue between mitochondria and calcium signaling - a delicate balance between life and death Michael R. Duchen, PhD (UK)
10:00 - 10:30	Coffee Break
10:30 - 12:10	Session 1 Mitochondrial Biology <i>Chairs : Horng-Mo Lee, PhD (Taiwan), Hideyuki Majima, DDS, PhD (Japan)</i>
	Mitochondrial function, biogenesis and morphology in cellular stress Karl Johan Tronstad, PhD (Norway)
	Tissue-specific KO mice of p32/gC1qR, a mitochondrial RNA chaperone: brain, heart, and macrophage Dongchon Kang, MD, PhD (Japan)
	Clinical and genetic heterogeneity of mitochondrial disorders: do the ancestry have any role? Kumarasamy Thangaraj, PhD (India)
	The functional study of mitochondrial NADH dehydrogenase (ubiquinone) Fe-S protein 8 and development of a therapeutic approach to rescue its deficiency Mou-Chieh Kao, PhD (Taiwan)
12:10 - 13:30	Lunch and Poster
12:10 - 12:30	Group Photo
12:30 - 13:00	Luncheon Seminar 1 <i>Chairs : Rong-Hong Hsieh, PhD (Taiwan), Hsiu-Chuan Yen, PhD (Taiwan)</i>
12:30 - 13:30	ASMRM Council Meeting
13:30 - 14:10	Plenary Lecture II <i>Chair : Hong Kyu Lee, MD, PhD (Korea)</i>
	Sepsis, multiple organ failure and mitochondrial dysfunction Mervyn Singer, MD, FRCP (UK)
14:10 - 15:25	Session 2 Mitochondrial Dysfunction and DNA Mutation <i>Chairs : Masashi Tanaka, MD, PhD (Japan), Chia-Wei Liou, MD (Taiwan)</i>
	Mitochondria retrograde signaling to control hepatoma cell invasiveness Gyesoon Yoon, PhD (Korea)
	Nuclear modifier genes for the phenotypic manifestation of LHON-associated mtDNA mutations Min-Xin Guan, PhD (China)
	Development of therapeutic drug of sodium pyruvate (SP) for lactic acidosis associated with mitochondrial disorders Yasutoshi Koga, MD, PhD (Japan)
15:25 - 15:40	Coffee Break
15:40 - 16:55	Session 3 Oxidative Stress, Aging and Neurodegenerative Disease <i>Chairs : Minho Shong, MD, PhD (Korea), Chin-San Liu, MD, PhD (Taiwan)</i>
	Mitochondrial dysfunction and Parkinson's disease Kah-Leong Lim, PhD (Singapore)
	Role of brain mitochondria in premature aging syndrome Takashi Yokota, MD, PhD (Japan)
	Mitochondrial loss in the kidney disease Yau-Sheng Tsai, PhD (Taiwan)
16:55 - 17:25	Keynote Lecture

	<i>Chair : Lee-Jun C. Wong, PhD (USA)</i>
	Metabolic remodeling in human health: investigation on the genetic and microenvironmental determinants <i>Rodrigue Rossignol, PhD (France)</i>
17:25 - 17:35	Refreshment Break
17:35 - 18:45	Poster Scoring
18:45 - 20:30	Welcome Reception

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November 15, 2014 (Saturday)	
08:00 - 08:30	Registration
08:30 - 09:10	Plenary Lecture III <i>Chair : Chung Y. Hsu, MD, PhD (Taiwan)</i>
	Keeping mitochondria in shape: a matter of life, death and differentiation Luca Scorrano, MD, PhD (Italy)
09:10 - 10:50	Session 4 Mitochondrial Dynamics and Quality Control <i>Chairs : Yasutoshi Koga, MD, PhD (Japan), Ding-I Yang, PhD (Taiwan)</i>
	Physiological roles of mitochondrial fission in cultured cells and in mice development Naotada Ishihara, PhD (Japan)
	Piecewise autophagic removal of Parkin-labeled mitochondria Wei-Yuan Yang, PhD (Taiwan)
	Signaling towards receptor mediated mitophagy Quan Chen, PhD (China)
	Energy homeostasis and mitochondrial signals in cancer cells under nutrient starvation Wan-Wan Lin, PhD (Taiwan)
10:50 - 11:10	Coffee Break
11:10 - 12:25	Session 5 Metabolic Syndrome and Diabetes <i>Chairs : Wayne Huey-Herng Sheu, MD, PhD (Taiwan), Makoto Yoneda, MD, PhD (Japan)</i>
	Role of mitochondrial function in cell death and metabolism Myung-Shik Lee, MD, PhD (Korea)
	Mitochondria and myocardial insulin sensitivity Feng Gao, MD, PhD, FAHA (China)
	Diabetic risk factor: mitochondria-disrupting environmental chemicals in serum Youngmi Kim Pak, PhD (Korea)
12:25 - 13:30	Lunch and Poster
12:45 - 13:15	Luncheon Seminar 2 <i>Chairs : Shih-Yi Lin, MD (Taiwan), Dar-Bin Shieh, MD, PhD (Taiwan)</i>
13:30 - 14:00	TSMRM Annual Meeting
14:00 - 14:40	Plenary Lecture IV <i>Chair : Yau-Huei Wei, PhD (Taiwan)</i>
	The control of mitochondrial DNA replication during development and tumorigenesis Justin C. St. John, PhD (Australia)
14:40 - 15:55	Session 6 Mitochondria in Reproductive Medicine <i>Chairs : Hong-Yuan Huang, MD (Taiwan), Shu-Huei Kao, PhD (Taiwan)</i>
	Mitochondria in human granulosa cells and oocyte Yashiharu Morimoto, MD, PhD (Japan)
	Role of mitochondria in endometriosis and PCOS Chii-Ruey Tzeng, MD, MPH (Taiwan)
	Preventing the transmission of mitochondrial DNA disorders: selecting the good guys or kicking out the bad guys Hubert J. M. Smeets, PhD (the Netherlands)
15:55 - 16:10	Coffee Break / Poster Dismantle
16:10 - 16:20	Poster Awards <i>Chair : Tsu-Kung Lin, MD, PhD (Taiwan), Hsin-Chen Lee, PhD (Taiwan)</i>
16:20 - 16:30	Closing Ceremony