



Symposium on Mitochondrial Diseases

Date: **7-8 November 2015 (Sat-Sun)** Time: **09:00-17:00**

7-Nov: Kai Chong Tong, G/F, Postgraduate Education Centre,
Prince of Wales Hospital, Shatin.

8-Nov: UGLT1, Lecture Theatre 1, G/F, New Clinical Building,
Queen Mary Hospital, Pok Fu Lam.

Organisers

Wellcome Trust Centre for Mitochondrial Research, Newcastle University, UK
Joshua Hellmann Foundation for Orphan Disease, HK

Department of Obstetrics and Gynaecology, Prince of Wales Hospital, The
Chinese University of Hong Kong, HK

Department of Paediatrics and Adolescent Medicine, Queen Mary Hospital,
University of Hong Kong, HK

Accreditation (Pending)

CME points accredited by HK College of Obstetricians and Gynaecologists

CME points accredited by HK College of Paediatricians

CME points accredited by HK College of Pathologists

CME points accredited by HK College of Physicians

CME points accredited by Faculty of Medicine, CUHK for the practising doctors

PEM points accredited by Department of Obstetrics and Gynaecology, CUHK

CNE points accredited by The Nethersole School of Nursing, CUHK

Language

English

Registration and enquiry

Miss Clara Lau

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Guest Speakers from Newcastle University



Professor Robert Taylor

Head of Laboratory, Newcastle Mitochondrial Diagnostic Service
Professor of Mitochondrial Pathology, Newcastle University
Co-ordinating Consultant Clinical Scientist, UK NHS Highly
Specialised Rare Mitochondrial Disease Service of Adults and Children



Professor Mary Herbert

Professor of Reproductive Biology
Honorary Consultant Clinical Scientist
Newcastle Fertility Centre



Dr Robert McFarland

Clinical Senior Lecturer
Consultant in Paediatric Neurology
Great North Children's Hospital



Dr Andrew Schaefer

Consultant Neurologist
The Newcastle Mitochondrial Centre

Reply Slip for Registration

Surname _____ First Name _____

Title Prof. / Dr. / Mr. /Ms. _____

Specialty Specialist / Trainee / Midwife / Nurse _____

Others: _____

Department _____

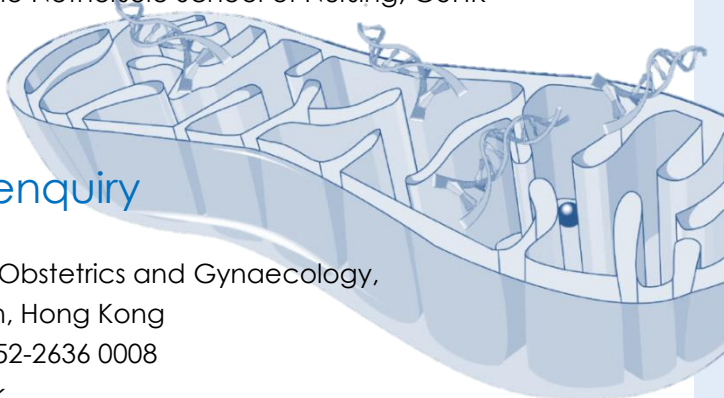
Organization _____

Address _____

Tel _____ Fax _____

Email _____

If car park is required, car plate number: _____



Day 1 (7-Nov Sat)

Time	Title	Speaker
08:30	Registration	
Session 1: Mitochondrial Diseases: Bridging from childhood to adulthood – Part A		
<i>Chaired by J Hui & CW Fung</i>		
09:00	Overview of mitochondrial diseases (15min)	R McFarland
09:15	Paediatric presentations of mitochondrial disease (60min)	R McFarland
10:15	Coffee Break	
10:30	Adult Phenotype in mitochondrial disease (60min)	A Schaefer
11:30	Laboratory diagnosis of mitochondrial disease: conventional approaches (60min)	R Taylor
12:30	Lunch	
Session 2: Obstetric care and genetic diagnosis		
<i>Chaired by L Yuen & TY Leung</i>		
13:30	Caring for mothers with mitochondrial diseases: from prenatal to postnatal (30min)	A Schaefer
14:00	Prenatal genetic diagnosis of mitochondrial diseases: what are the challenges? (30min)	R McFarland
14:30	Preimplantation genetic diagnosis of mitochondrial diseases: what are the challenges? (30min)	R McFarland
15:00	Discussion (10min)	
15:10	Coffee Break	
Session 3: Reproductive treatment of mitochondrial diseases using mitochondrial replacement		
<i>Chaired by WY Chan & TC Li</i>		
15:30	Development of techniques to prevent transmission of mtDNA disease (40min)	M Herbert
16:10	Medical and ethical considerations of mitochondrial replacement therapy (30min)	M Herbert / R McFarland
16:40	Discussion (20min)	
17:00	End of Day 1	

Day 2 (8-Nov Sun)

Time	Title	Speaker
Session 4: Mitochondrial Diseases: Bridging from childhood to adulthood – Part B		
<i>Chaired by G Poon & E Yau</i>		
09:00	Laboratory diagnosis mitochondrial disease: the era of exome sequencing (60min)	R Taylor
10:00	Coffee Break	
10:15	Local case discussions from various hospitals (60min)	
11:15	Q&A (10min)	
11:25	Mitochondrial diseases in Hong Kong: current scenario in paediatric patients (20min)	CW Fung
11:45	Mitochondrial diseases in Hong Kong: current scenario in adult patients (20min)	MK Fong
12:05	Q&A (10min)	
12:15	Lunch	
13:30	Treatment and management of mitochondrial disease 1 * (60min)	A Schaefer
14:30	Treatment and management of mitochondrial disease 2 * (60min)	R McFarland
15:30	Closing Remarks (10min)	C Strong

