



Research at the Centre of Metabolism & Inflammation

1st Annual Symposium

12th September 2024

Royal College of Physicians





MC: Fatima Al-Hatimy & Ibrahim Al-Mohannadi
CoMI, UCL

PROGRAMME	
08:00 – 09:00	Registration and Networking
Session 1: Opening & welcome remarks	
09:00 – 09:10	Welcome Prof Mohammed Al-Maadheed Centre of Metabolism and Inflammation (CoMI), University College London (UCL)/Anti-Doping Laboratory Qatar (ADLQ) /Naufar, Wellness & Recovery Center
09:10 – 09:30	Keynote speaker The challenge of illegal drug misuse Prof Dame Carol Black, DBE Former Principal of Newnham College, Cambridge; Past President of the Royal College of Physicians; Government Expert Advisor on Health, Work, & Wellbeing
Session 2: Early onset chronic metabolic diseases	
Moderator: Prof Riyaz Patel Population science & experimental medicine, UCL	
09:30 – 09:50	NCDs in low/middle income communities Prof Mohammed Al-Maadheed CoMI, UCL/ADLQ/Naufar
09:50 – 10:10	Mendelian Randomization and drug development Prof Aroon Hingorani Institute of Cardiovascular Science, UCL
10:10 – 10:30	Lies, damned lies, and statistics AI Dr Aziz Farooq Aspetar
10:30 – 10:50	Precision Nutrition and Cardiometabolic Health Prof Sumantra (Shumone) Ray NNedPro Global Institute for Food, Nutrition & Health
10:50 – 11:10	Vitamin D deficiency – myth or fact? Ijeoma Ibeawuchi CoMI
11:10 – 11:30	Strategic decision-making (SDM) models and assessment of its impact on Qatar's healthcare system Fatima Al-Hatimy CoMI, UCL/ADLQ
11:30 – 11:50	COFFEE BREAK



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PROGRAMME	
Session 3: Omics Applications	
Moderator: Prof Markella Ponticos Research department of inflammation, UCL	
11:50 – 12:10	Omics in elucidating mediators of NCDs in low/middle income communities Prof Vidya Mohamed-Ali CoMI, UCL
12:10 – 12:30	Investigation of novel biomarkers for COVID-19 to predict severity of the disease using OMICs technologies Dr Maryam Al-Nesf CoMI, UCL & Hamad Medical Corporation (HMC) Qatar
12:30 – 12:50	Cardiac complications in scleroderma Prof Dan Knight Institute of Cardiovascular Science, UCL
12:50 – 14:00	LUNCH & POSTER SESSION
Session 4: VHH Fragment Antibodies	
Moderator: Prof Edith Chan Wolfson institute of biomedical research, UCL	
14:00 – 14:20	Generation and selection of dromedary fragment antibodies Dr Konduru Seetharama Sastry ADLQ
14:20 – 14:40	VHH fragment antibodies to human sIL-6R Ibrahim Al-Mohannadi & Fatima Al-Musleh CoMI, UCL & Weill Cornell Medicine Qatar (WCM-Q)
14:40 - 15:00	Coffee break
Session 5: Sports Science	
Moderator: Prof David Abraham Head of Department of Inflammation and Rare Diseases, UCL	
15:00 – 15:20	Mental Health and substance abuse in athletes Dr Rama Kamal Naufar
15:20 – 15:40	Genetic determinants of drug metabolism Dr Chidam Manickam ADLQ
15:40 – 16:00	Ecdysteroids - sport performance enhancers and analytical parameters Noor Al-Naemi CoMI, UCL/ADLQ
16:00 – 16:20	Growth Hormone abuse by athletes Dr Maneera Al-Jaber ADLQ
16:20 – 17:00	Panel Discussion