

14:30–16:30

Abbey Room (10 minutes per communication and 5 minutes of discussion)

OC001

14:30–14:45

Decrease in blood inorganic mercury level and a possible increase in organic mercury level in the American population 2005–2010

Bernard M Y Cheung, Adrian J Cheung  
University of Hong Kong, Hong Kong

OC002

14:45–15:00

Angiotensin-converting enzyme-2 within lung in health and disease

Rajaram J, Warner JA, Wilson S, Torrens C  
University of Southampton, UK

OC003

15:00–15:15

Cytokine profile from rheumatoid arthritis patients' T lymphocytes defines a subgroup of anti-TNF responders

J Bystrom<sup>1</sup>, T Taher<sup>1</sup>, M Al-Bogami<sup>1</sup>, S Kelly<sup>1</sup>, P Mangat<sup>2</sup>, A Jawad<sup>1</sup>, RA Mageed<sup>1</sup>  
<sup>1</sup>Queen Mary University of London, UK, <sup>2</sup>University of London, UK

OC004

15:15–15:30

Upregulation of leucine-rich repeat containing G protein-coupled receptor 5 (LGR5) and its cognate ligand, RSPO3, in human adrenal zona glomerulosa, and their role in cell proliferation and apoptosis

Lalaukh Haris Shaikh<sup>1</sup>, JunHua Zhou<sup>1</sup>, Sudeshna Guha Neogi<sup>3</sup>, Ada Ee Der Teo<sup>1</sup>, Ian McFarlane<sup>3</sup>, Nichola Figg<sup>2</sup>, Anthony Davenport<sup>1</sup>, Morris Brown<sup>1</sup>  
<sup>1</sup>Clinical Pharmacology Unit, University of Cambridge, UK, <sup>2</sup>Division of Cardiovascular Medicine, Department of Medicine, University of Cambridge, UK, <sup>3</sup>Genomics CoreLab, NIHR-Cambridge BioMedical Research Centre, UK

OC005

15:30–15:45

Carbamazepine Hypersensitivity: Linking Metabolism to the Immune Response

VLM Yip, J Maggs, X Meng, AG Marson, M Pirmohamed  
University of Liverpool, UK

OC006

15:45–16:00

Genome-wide analysis of the inter-individual variability in *in vitro* cell viability on exposure to carbamazepine and its metabolites

Philippe Marlot<sup>1</sup>, Nour Abdo<sup>2</sup>, Ivan Rusyn<sup>2</sup>, Ana Alfirevic<sup>1</sup>, Munir Pirmohamed<sup>1</sup>  
<sup>1</sup>University of Liverpool, UK, <sup>2</sup>University of North Carolina, USA

OC007

16:00–16:15

Multiple Drug Intolerance Syndrome: a large-scale retrospective study\*

Hisham Omer<sup>1</sup>, James Hodson<sup>2</sup>, Sarah Thomas<sup>1,2</sup>, Jamie Coleman<sup>1,2</sup>  
<sup>1</sup>University of Birmingham, UK, <sup>2</sup>University Hospitals Birmingham NHS Foundation Trust, UK

OC008

16:15–16:30

Comparing efficacy and safety of *Crocus sativus* L. with memantine in patients with moderate to severe Alzheimer's disease: A double-blind randomized clinical trial

Shahin Akhondzadeh, Mehdi Shafiee-Sabet, Mehdi Farokhnia  
Psychiatric Research Centre, Tehran University of Medical Sciences, Iran