



THE DEPARTMENT OF BASIC MEDICAL SCIENCES, MONA
CORDIALLY INVITES YOU TO ATTEND

The First UWI BIOMOLECULAR SCIENCES CONFERENCE

FRIDAY, JANUARY 16, 2015

Plenary lecture: Keeping your head under pressure: mechanisms of cerebral blood flow autoregulation and dysfunction in disease.

Professor William D. Cole
Andrew Family Professor in
Cardiovascular Research, Physiology
& Pharmacology, University of Calgary,
Canada.

SESSION 1: Investigating the 'ome'

11:00 a.m. - 11:20 a.m.

O-1: Using exome sequencing and copy number variation mapping to identify loci associated with non-syndromic sensorineural hearing loss in a case-control cohort. RAJINI RANI HARAKSINGH. Stanford University School of Medicine, USA.

11:30 a.m. - 11:50 a.m.

O-2: An analysis of the Leucine432Valine single nucleotide polymorphism of the

cytochrome P450 1B1 gene and uterine leiomyomata in a Barbadian population. BIDEAU VS, ALLEYNE AT. The University of the West Indies Cave Hill Campus.

12:00 p.m.-12:20 p.m.

O-3: Crop improvement by methylome remodeling of *Saccharum officinarum*. WORRELL RGD, STOUTE A, WATERMAN L. University of the West Indies Cave Hill Campus, and West Indies Central Sugar Cane Breeding Station, Barbados.

12:20 p.m.-12:30 p.m.

Question and Answer period.

SESSION 2: Molecular medicine

2:30 p.m.-2:50 p.m.

O-4: Haptoglobin 0-0 and diabetic foot ulceration in a Barbadian population. QUIMBY KR, GREENIDGE AR, HAMBLETON IR, LANDIS RC. Chronic Disease Research Centre, Tropical Medicine Research Institute, UWI Cave Hill.

3:00 p.m.-3:20 p.m.

O-5: Albumin/creatinine ratio as an indicator of diabetic foot in a Barbados population. GREENIDGE AR, BROWNE AP, HAMBLETON IR, LANDIS RC. Edmund Cohen Vascular Research Laboratory, Chronic Disease Research Centre, UWI Cave Hill.

SESSION 3: Molecular microbiology

4:00 p.m.-4:20 p.m.

O-6: Molecular characterization of extended spectrum beta-lactamase (ESBL)-producing *Escherichia coli* isolates from Trinidad & Tobago. ASHIBOE-MENSAH S, AKPAKA PE, ADESIYUN AA, DZIVA F. University of the West Indies, Mt Hope, Trinidad & Tobago.

4:30 p.m.-4:50 p.m.

O-7: Serological and virological studies of poultry in Trinidad and Tobago. BROWN A,

For further information, please contact the Conference Secretariat, c/o Department of Basic Medical Sciences, Biochemistry Section, The University of the West Indies, Mona, Kingston 7, Jamaica, at telephone number (876) 927-2290; Fax: (876) 977-7852 or e-mail: thornia.smith@uwimona.edu.jm