

POSTER PROGRAMME

Epidemiology and medicine

- (P – 01) *Sensitivity and specificity of clinico-radiological assessment in predicting necessity for operative exploration – the Jamaican experience at Kingston Public Hospital and the University Hospital of the West Indies*
A Duncan, G Channer, C Cherian, H Ashman, C Eaton
- (P – 02) *Splenectomy in sickle cell disease: experience with a selective blood transfusion protocol in children*
OO Steele, AL Duncan, LN Simms, SA Duncan, BSE Dundas, ND Duncan
- (P – 03) *Antibiotic susceptibility and epidemiological characteristics of MRSA at the University Hospital of the West Indies*
C Thoms-Rodriguez, J Griffith, K Nesbeth, J Gay, B Lawrence, T Kwall, K Kerr, AM Nicholson
- (P – 04) *The distribution of environmental and clinical fungal isolates over three years at The University of the West Indies' microbiology laboratory*
G Reynolds, N McKnight
- (P – 05) *Knowledge and practice related to lifestyle among adults with diabetes and hypertension*
CR Campbell, DCK Campbell, KL Estick, MD McCallum, MN McIntosh, JTL Masters, AA Mentor, YO Morris, TA Phillip, GSA Ranjit, OA Smith, GN Whyte, NK Waldron
- (P – 06) *The replantation experience of the University Hospital of the West Indies*
R Venugopal, S Moore, C Neblett, J Jones, R Thomas, G Arscott
- (P – 07) *Need for intervention to improve glycaemic control among patients at the University Health Centre*
K Allen-Dougan, T Kennedy-Dixon, B Anglin-Brown, M Gossell-Williams
- (P – 08) *Attitudes towards older adults and ageing: the UWI (Mona) physiotherapy students' perspective*
SKP Williams, W Palmer

Basic medical sciences

- (P – 09) *Investigation of the preliminary mechanism of action for the acute anti-inflammatory activity of the methanol extract of Smilax ornata*
A Khan, P Singh, P Reese, J Howden, M Golding, T Thomas
- (P – 10) *Introducing medical students to pharmacovigilance through a basic research skills special study module*
M Gossell-Williams, M Palmer, DL Riley, M White, R Baker, S Ennis, J Guthrie, I Hemmings, T Hoe, C Johnson, J Levene
- (P – 11) *Assessing the effects of alcohol, nicotine and cannabis on the heart rate and rhythm using Danio rerio (Zebrafish) as an animal model*
C Witter, MK Ali

- (P – 12) *Reconstitution of resveratrol and alcohol affects caudal fin regeneration and mortality differently when compared to red wine*
D Taite, I Hewitt, S Rose, MK Ali
- (P – 13) *Evaluation of the anti-inflammatory properties of the bark of Colubrina elliptica on acute inflammation in the hind paw oedema model*
R Layne-Yarde, P Singh, J Howden
- (P – 14) *Vancomycin-induced pancytopenia*
M Palmer, M Gossell-Williams
- (P – 15) *Evaluation of BOX-AIR-based repetitive extragenic palindromic PCR in the genetic characterization and distinction of actinomycetes from soil in Jamaica*
KE Graham, SE Brown
- (P – 16) *Environmental enrichment paired with virgin coconut oil supplementation improves learning and memory in adolescent Swiss albino mice*
T Butler, L Young-Martin, K Thaxter-Nesbeth
- (P – 17) *Protein profile of Bacillus thuringiensis isolated from Jamaican soil*
D Marshall, S Brown
- (P – 18) *A quantitative analysis of the cornus ammonis of the hippocampal formation in control and seizure-induced Sprague-Dawley rats*
D Dennie, J Dawson, JP Louboutin
- (P – 19) *Sexual dimorphism of the hard palate in the Afro-Caribbean skull*
SA Fearon, M Gardner, W McLaughlin

Researchers will be available for dialogue during poster-viewing sessions.

Breakfast Workshop

Meet the Professors: Building an Academic Career

7:00 am	Registration desk opens
7:00 – 7:30 am	<i>Continental Breakfast</i>
7:30 – 7:40 am	Welcome and Opening Remarks <i>Professor Joseph Plummer</i>
7:40 – 8:00 am	<i>A comparative analysis of multi-gene testing in breast cancer patients from Jamaica and The Bahamas</i> <i>Dr Patrick O Roberts</i>
8:00 – 8:20 am	<i>Ask why: never presume. Three anecdotes that led to remarkable research outcomes</i> <i>Professor Franklyn Prendergast</i>
8:20 – 8:40 am	<i>How has genomics changed gastrointestinal/liver pathology and what have I learned from genomics along the way?</i> <i>Dr Rondell Graham</i>
8:40 – 9:00 am	<i>Neoplasms of the pancreatobiliary tracts: is there still a place for conventional morphology in the era of molecular diagnostics?</i> <i>Professor Michelle Reid</i>
9:00 – 9:15 am	Questions and Answers

Main Workshop Programme

Theme: Genomics in Health – Medical, Ethical and Societal Matters

9:30 – 9:40 am	Opening Remarks <i>Dr Tomlin Paul</i>
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Session 1

	Genomics 101 <i>Chair: Dr Maxine Gossell-Williams</i>
9:45 – 10:00 am	<i>Genomics or genetics? Common roots, diverse branches, shared opportunities</i> <i>Dr Kwesi Marshall</i>
10:00 – 10:30 am	<i>Plenary Lecture: Genomics in clinical medicine: hope, hype and challenges</i> <i>Professor Franklyn Prendergast</i>
10:30 – 10:40 am	Questions and Answers
10:40 – 11:10 am	<i>Coffee Break</i>

Session 2**Breaking applications of genomics**

Chair: Professor John Lindo

11:15 – 11:30 am

Pharmacogenomics – current and future clinical applications

Professor Gene Morse

11:30 – 11:45 am

Cancer genomics

Professor Jim Mohler/Dr Agnieszka Witkiewicz

11:45 am – 12:00 pm

Multi-omics and patient endotypes

Dr Mark Cameron

12:00 – 12:10 pm

Questions and Answers

12:10 – 1:10 pm

Lunch Break**Session 3****Genomics/genetics and societal matters**

Chairs: Lisa Lindo/Sheray Ward-Chin

1:15 – 1:30 pm

Gene therapy in sickle cell disease

Dr Monika Asnani

1:30 – 1:45 pm

Genomics and cannabis

Professor Wayne McLaughlin

1:45 – 2:00 pm

Designer babies/genetic testing

Dr Michael Abrahams

2:00 – 2:15 pm

Legal considerations of genomics

Dr Peter Glegg

2:15 – 2:30 pm

Closing Remarks and Awarding of Prizes

Dr Christine Walters

Prizes:

Dean's Prize for Best Oral Presentation

Dean's Prize for Best Poster Presentation

Dean's Prize for Best Overall Presentation

The Basic Medical Sciences, Faculty of Medical Sciences Prize

The Jamaica Emergency Medicine Association

American Society for Microbiology

Professor Manley West Best Student Presentation in Pharmacology