1st School of Medicine Postgraduate Research Day  
Friday 7th September 2007  
Institute of Molecular Medicine & Trinity Centre for Health Sciences, St. James’s Hospital

POSTER DISPLAY  
MONTGOMERY ROOM, Trinity Centre for Health Sciences

CLINICAL SCIENCES & MOLECULAR MEDICINE

CSM1 Left Ventricular Function in early Hypertension: A Comparison of Echocardiographic Measures of Diastolic Function  
Ibrahim al-Muntasir, Department of Pharmacology & Therapeutics

CSM2 Emergence of carbapenem-resistant *Acinetobactor* spp in Ireland  
Teck Wee Boo, Department of Clinical Microbiology

CSM3 Ocular microtremor and the brainstem: preliminary findings in brainstem stroke  
Niamh Collins, Department of Medical Gerontology

CSM4 Characterisation of bacteraemic *Escherichia coli* isolates from St. James’s Hospital  
Niamh Cooke, Department of Clinical Microbiology

CSM5 A Role for the Cytokine il-10 in the Stress-Induced Immunosuppression of the Innate IFN-γ Response  
Niamh Curtin, Department of Physiology

CSM6 Elucidating the Role of p16INK4A in HPV Associated Cancers  
Louise Keogh, Department of Histopathology

CSM7 An investigation into the effect of endurance training on newly proliferated skeletal muscle tissue  
Oscar MacAnaney, Department of Physiology

CSM8 Cannabinoid CB₂ Receptor is Essential for Mesenchymal Stem Cell Viability  
Baby Maloor, Department of Physiology

CSM9 Feeding a diet enriched with CLA improves the diabetic phenotype  
Jolene McMonagle, Department of Clinical Medicine
| CSM10  | Differential Activation of Microglia by Amyloid-Beta and Lipopolysaccharide  
 | Keith McQuillan, Department of Physiology |
| CSM11  | Elucidation of antibiotic resistant levels in Pseudomonas aeruginosa  
 | Sarah Molan, Department of Clinical Microbiology |
| CSM12  | Modulation of Glia by Interaction with T Cells  
 | Aine Murphy, Department of Physiology |
| CSM13  | Identification of potential biomarkers and therapeutic targets for pancreatic cancer using gene expression profiling  
 | Annamarie Rogers, Department of Surgery |
| CSM14  | An Investigation into the effect of Bile Acid on Golgi Morphology in a model of Oesophageal Cancer  
 | Ruchika Sharma, Department of Clinical Medicine |
| CSM15  | New biochips for a 3-D study of trans-endothelial leukocyte migration  
 | Stephanie Toetsch, Department of Clinical Medicine |
| CSM16  | COX-2: A Target for Combating Tumour Angiogenesis in Pancreatic Cancer  
 | DP Toomey, Department of Surgery |
| CSM17  | A new microtubule targeting compound PBOX-15 inhibits T-cell migration via post-translational modifications of tubulin  
 | Navin Kumar Verma, Department of Clinical Medicine |
| CSM18  | High Content Analysis of Size-Dependent Nanoparticles Distribution Within Human Cell Lines  
 | Yvonne Williams, Department of Clinical Medicine |
| CSM19  | Adiponectin Gene Polymorphism (G276T) Contributes to Blood Pressure and Arterial Stiffness in Essential Hypertension  
 | Sixiang Zhou, Department of Pharmacology & Therapeutics |

**Science & Medicine of the Mind**

| SMM1  | The Acquisition and Consolidation of Recognition Memory are Neurotrophin-Dependent  
 | Charlotte Callaghan, Department of Physiology |
| SMM2  | The Impact of Hypothyroidism on Neurocognitive Functioning: A Model of Neuroplasticity in the Mature Adult Human Brain  
 | Gillian Cooke, Department of Physiology |
| SMM3  | The PPARγ Agonist, Rosiglitazone, Attenuates LPS-Induced Changes in Vitro in an IL-4 Dependent Manner  
 | Brian Francis Deighan, Department of Physiology |
SMM4 Characterisation of Effects of Ageing in the Rat Brain
Laura Kelly, Department of Physiology

SMM5 Noradrenaline Suppresses Thrombin-induced Chemokine and Cell Adhesion Molecule Expression in Primary Astrocytes and Microglia
Dana Kilroy, Department of Physiology

SMM6 The Endocannabinoid, 2-Arachidonoylglycerol, Protects Cultured Rat Cortical Neurones from Toxicity Evoked by β-Amyloid Protein
Janis Noonan, Department of Physiology

SMM7 Exercise Modulates Age-Related Change in the Rat Hippocampus
Rachel O’Callaghan, Department of Physiology

SMM8 Inflammation down-regulates β2-adrenoceptor expression on primary glial cells: Reversal by the glucocorticoid dexamethasone
Karen Ryan, Department of Physiology

SMM9 An Anti-Inflammatory Role for SIGIRR in the CNS?
Melanie Watson, Department of Physiology

INTEGRATIVE BIOLOGY

IB1 The Effect of Post-Exercise Cold, Warm and Contrast Water Bath Immersion on Blood Lactate and High-Intensity Exercise Performance
David Crampton, Department of Physiology

IB2 An investigation into the role of core stability in running
Grainne Kelly, Department of Physiology

IB3 Cardiac Output and Oxygen Uptake Kinetics during Cycling in Moderately Obese Pre-Menopausal Women with Type 2 Diabetes Mellitus
John Killian Malone, Department of Physiology

IB4 The effect of a 12-week progressive resistance training programme on leg blood flow in healthy sedentary older post menopausal females
Heather Reilly, Department of Physiology

PHYSICAL MEDICINE

PM1 Hands Free Carotid Sinus Massage - Towards an Automated System for Carotid Sinus Hypersensitivity Detection
Ciaran Finucane, Department of Medical Gerontology
| PM2 | A Randomised Trial of Prescribing Feedback to General Practitioners Using Academic Detailing Versus Postal Bulletin  
Corrina Naughton, Department of Pharmacology & Therapeutics |
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| PM3 | Rehabilitative ultrasound imaging of the middle and lower trapezius muscle: description and reliability of the technique  
Cliona O'Sullivan, Department of Physiotherapy |

**POPULATION & DEVELOPMENTAL HEALTH**

| PDH1 | Adherence to Tamoxifen Therapy  
Thomas Ian Barron, Department of Pharmacology & Therapeutics |
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| PDH2 | Family mediated exercises following stroke (FAME) - A survey of the views of people with stroke  
Rose Galvin, Department of Physiotherapy |
| PDH3 | Family mediated exercises following stroke (FAME) - A survey of the views of ‘family members/friends’  
Rose Galvin, Department of Physiotherapy |
| PDH4 | Potentially Inappropriate Medication Use among the Elderly in the Community and Nursing Homes  
Ifeanyi Okechukwa, Department of Pharmacology & Therapeutics |
| PDH5 | Incorporating Bar Code Technology and a Validated Cold Chain Delivery System, (VCCDS), for the Safe and Efficient Distribution of Clotting Factor Concentrates (CFCs), for the Haemophilia Population  
Frederick Pfeiffer, Department of Haematology |