

School of Medicine

Undergraduate
Research Day

Wednesday, 12th October 2016

**Large Lecture Theatre
Clinical Science Institute**

Oral Presentation Session I		Chair: Dr Gerard Flaherty
09:00	Welcome & Opening Address:	Dr Carmel Malone Head of School of Medicine
09:10	Andrea Grealish	Genetic polymorphisms in centrosomal kinase Aurora A and their association with breast cancer susceptibility
09:20	Eimear Dunne	Characterising the long term outcome of patients with Perianal Crohn's disease in University Hospital Galway
09:30	Miray Unal	Attention Deficit Hyperactivity Disorder (ADHD) in Adults: Use of Eye-Tracker Device to Detect Attention Deficits
09:40	Matthew Fahy	The neutrophil-to-lymphocyte ratio in HER2-receptor positive breast cancer is predictive of mortality
09:50	Alice Hegarty	Examination of Food-Producing Animals as a Reservoir for Antimicrobial Resistance
10:00	Ciara Matthews	Childhood Cancer - Feasibility of testing a new anti-GD2 neuroblastoma therapy in vitro and experimental optimization
10:10	Ronan Fahy	Urinary biomarkers in diabetic kidney disease
10:20	Ciara Ryan	Perioperative Steroid Supplementation in Inflammatory Bowel Disease: An Assessment of Current Practice

10:30am

Coffee Break & Poster Viewing

Oral Presentation Session II		Chair: Dr Sanjeev Gupta
11:00	Mary Gallagher	Variability in positive margins following conservative breast cancer surgery: A major challenge in delivery of breast care
11:10	Kumaraguru Muthu Kumar	Investigation of a potential role for MicroRNAs in Breast Cancer Lymph Node Metastasis
11:20	Emma Flaherty	Investigating the Link Between Adrenal Cushing's and ER-Positive Breast Cancer
11:30	Mohamed Elhadi	Serum Exosome-Encapsulated microRNAs as circulating biomarkers for Breast Cancer
11:40	John Tepper	The Effect of Mesenchymal Stem Cells on an Acute Respiratory Distress System Model
11:50	Niamh Lang	MicroRNAs of which H2AX is a validated target do not affect H2AX expression in several breast cancer cell lines
12:00	Patrick Canning	Cost-Effectiveness of Endovascular vs. Open Repair of Abdominal Aortic Aneurysm in a High Volume Centre
12:10	Akeel Haris	To assess the ability of pre-operative NLR scores to predict response to neo-adjuvant chemotherapy in Her2 receptor positive breast cancers
12:20	Barbara Julius	Current reconstructive practice variation following mastectomy in patients with breast cancer
12:30	Lunch & Poster Viewing	

Oral Presentation Session III**Chair: Dr Helen Dodson****14:30 Blackstone Launchpad****Mary Carty and Natalie Walsh****14:40** Caoimhe Ward

A validation of a Potency Assay for the Assessment of Adipose Derived Stromal Cells in the Modulation of Osteoarthritis

14:50 Megan McNamara

“Problem Patients”: Experiences of and Attitudes towards Patients with Substance Abuse Issues

15:00 Alison Fahey

Deciding about Nursing Home Care in Dementia: A Conjoint Analysis of How Older People Balance Competing Goals

15:10 Keunjae Ahn

Sarcopenia – How significant a problem is it in patients with newly diagnosed rheumatoid arthritis?

15:20 Navian Lee Viknaswaran

An investigation of in vitro transformation potential of human bone marrow mesenchymal stem cells with abnormal karyotype

15:30 Evelyn Fennelly

Vascular Access for Coronary Rotational Atherectomy: Radial versus Femoral

15:40 **Coffee & Poster Viewing****Invited Lecture & Prize Giving****16:00** **19th John D. Kennedy Lecture; Introduction by Professor Peter McCarthy
Professor Nicholas Allen, Head of Department of Paediatrics****16:50** **Presentation of Prizes****17:00** **Close of Meeting
Pizza Party in CSI Canteen**

Poster Presentations: Room 303, Clinical Science Institute

Poster Board	Presenting Author	Title
1.	Fitzgerald, C.	The impact of concomitant Coeliac Disease on the management of Type 1 Diabetes
2.	Leon, G.	GPs Attitudes towards Diagnosis & Treatment of Male UTIs
3.	Vincent, S.	The Keys to Optimising Breast Wounds; A Meta-analysis
4.	Carthy, B.	Secular Trends in Hip Fracture Hospitalisations at Galway University Hospital
5.	McNamara, A.	Human Papilloma Virus – Associated Head and Neck Cancer: A 21 st Century Pandemic; Assessing Student Awareness and Knowledge.
6.	Lee, Y.X.	An assessment of common aerosol delivery methods during bronchospasm in the operating room
7.	Bonner, A.	Identifying Frailty at the Front Door
8.	Reza, M.	Audit of Aspects of Practice in Relation to Patients with Suspected Community-Onset Blood Stream Infection
9.	Nor Azlan, M.A.S.	The Quality of Life of patients with localized prostate cancer and treated following Brachytherapy in Galway Clinic
10.	Adbul Sukor, D. R.	The role of low dose chemotherapy in sensitising the colon tumour microenvironment to immunotherapy
11.	Tan, W.T.	Cognitive Dysfunction in Acute Psychosis
12.	Welikumbura, J.	A Review of Current Practices in Mastectomy and Reconstruction Practices in a Specialist Breast Tertiary Referral Centre
13.	De Jong, K.	Factors that influence routine clinical applicability of Tumour infiltrating Lymphocyte assessment, including Concordance, Time taken and Reproducibility
14.	Quek, R.	Investigations for biomarkers of Haemorrhagic Transformation
15.	Bourke, R.	Comparing clinical outcomes in people with type 2 diabetes before and after attending DESMOND and exploring primary care providers' experiences of referring patients to DESMOND
16.	Browne, D.	Chronic kidney disease referral appropriateness: a clinical audit
17.	Frere, M.	Assessing Situation Awareness in Medical OSCE Guides
18.	Haidei, A.A.	Prevalence of Diabetic Peripheral Neuropathy in a Secondary Care Diabetes Service and Alcohol Use in Patients with Diabetic Peripheral Neuropathy and Neuropathic Ulceration
19.	Higgins, P.	Penye nia ipo njia: a pilot audit of surgical services in a rural hospital in Tanzania
20.	Murphy, F.	The anatomy of attention: finding the facts with physostigmine and fMRI
21.	Elhelali, R.	Assessment of the association of FOXP3 positive tumour infiltrating lymphocytes with therapeutic response in triple negative breast cancer
22.	Leong, S.W.	Patients' Attitudes to Travelling Overseas with Type 1 Diabetes – a Pilot Study
23.	Bin Mohd Saian, A.R.	Oxygen Prescription and Saturation Adherence in the Emergency Department Audit Report
24.	Alruhmi, D.	The effects of Syndecan-2 fragments on TGF- β induced genes in breast cancer cells (BCC)

25.	Byrne, M.	To develop a screening method and form a preliminary assessment of the extent of dissemination of linezolid resistant Enterococcus faecalis in routine rectal screens– Is optrA prevalent in Galway patient populations?
26.	Martin, N.	Transcatheter Aortic Valve Implantation: Evaluating procedural Safety and Efficacy
27.	McCabe, F.	RUNX2, the master regulator of bone metastasis?
28.	Lyons, R.	Identification of Undiagnosed Maturity Onset Diabetes of the Young
29.	Yap, K.L.	Bibliometric Analysis of Travel Medicine Research
30.	Sabri, S.	A Comparison of the Rates of Metabolic Syndrome in Patients Treated with Clozapine or Depot Antipsychotic Agents
31.	Burke, C.	Investigating the role of single nucleotide polymorphisms in NRG1 and DIRC3 in predisposition to breast cancer
32.	Conneely, M.	Enquiries to a national UK telephone advice line by healthcare professionals regarding the zika virus outbreak
33.	Teh, J.W.	THE IMPRUDENT UTILISATION OF BLOOD CULTURES IN THE PAEDIATRIC SETTING WHEN DISCHARGING PATIENTS FROM THE EMERGENCY DEPARTMENT
34.	Chang, H.W.	A Retrospective Analysis of Head and Neck Computed Tomography (CT) in Patients with Trauma over a Five-year Period in the Setting of a Level Three Hospital in the Republic of Ireland
35.	Davis, C.	What is research?: An exploration into the issues in conducting medical research in resource poor settings based on an experience in Berega Mission Hospital, Tanzania
36.	O' Beirne, A.	A retrospective analysis of CT thorax, abdomen and pelvis (CT TAP) in adult patients with trauma over a five-year period in the setting of a level 3 hospital in the Republic of Ireland
37.	O' Flynn, D	Investigation of long-term oxygen therapy prescription and determination of cost of provision among chronic obstructive disease patients in Co. Donegal
38.	Whelan, N.	Abdominal Aortic Aneurysm Morphology- the differences in males and females
39.	Joyce, K.	A Retrospective Study of the Adverse Events Experienced by Patients Treated for Localized Prostate Cancer Through Brachytherapy in The West of Ireland
40.	Ni Choinin, A.	Older and wiser: patient reported outcomes on transition from paediatric to adult cystic fibrosis clinic
41.	O'Maoileannaigh, L.	The Prevalence of Alcohol Related Admissions to ED in UCHG on Sunday Mornings between 0.00am and 6.00am between July 2015 and June 2016
42.	Pratumsuwan, T.	An audit on the treatment of iron deficiency anaemia in IBD patients at Galway University Hospital.
43.	Valentine, L.	Perioperative Glycaemic Control Audit
44.	Grealish, A.	An analysis of the clinical significance of exosomes in Breast Cancer patients
45.	Thong, C.	Clinical Characteristics of Patients Referred to the Local Sleep Clinics for Evaluation of Obstructive Sleep Apnoea.
46.	Harrington, R.	Efficacy and Drug Survival of Etanercept in Patients with Psoriasis