



Summer Students 2005

Grant Holder	Project Title	Supervisor
Mr Edmond Ang	Regulation of gene expression in a clonal pancreatic beta-cell line	Dr Philip Newsholme Department of Biochemistry University College Dublin
Ms Siobhan Ryan	Retinal visual acuity in patients with Age-Related Maculopathy	Dr Orla O'Donovan Chemical and Life Sciences Department Waterford Institute of Technology
Mr Alif Adlan Mohd Thabit	Inflammatory cells in COPD and Alpha-1 Antitrypsin deficiency	Dr Catherine Greene Respiratory Research Royal College of Surgeons in Ireland
Ms Allison Bradley	The influence of motor unit firing rates on peri-stimulus time histograms: a quantitative study	Dr Rebecca Beck Department of Electronic and Electrical Engineering University College Dublin
Ms Puspha Raman	Exploring the differences between in situ and invasive breast cancer	Dr Ann Hopkins Department of Pathology University College Dublin
Ms Ciara O'Riordan	General practice utilisation patterns in 1124 mothers and babies over the first three years of follow-up in Lifeways Cross-Generation Cohort Study.	Professor Andrew Murphy Department of General Practice National University of Ireland Galway
Ms Sinead McKenna	Cystic Fibrosis	Dr Charles Gallagher Respiratory Department St Vincent's University Hospital
Mr Tonye Wilcox	Identification of novel interactions between <i>S. gordonii</i> and human blood platelets.	Dr Steven W. Kerrigan Department of Clinical Pharmacology Royal College of Surgeons in Ireland
Mr Robert Scully	What determines patients' satisfaction with out of hours primary medical care?	Dr Liam Glynn Department of General Practice National University of Ireland Galway
Ms Anita Maria Sheahan	Mechanism of action of alum as a vaccine adjuvant	Dr Ed Lavelle Department of Biochemistry Trinity College Dublin

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Mr Mark Hehir	The fetoplacental unit in association with obesity in pregnancy	Professor John Morrison Department of Obstetrics and Gynaecology University College Hospital, Galway
Ms Sinead Kelly	The role of genetic polymorphism in natural killer cell receptors and alcohol consumption in susceptibility to psoriasis	Dr Derek Doherty Department of Biology National University of Ireland Maynooth
Mr Khaled Almansoori	The ability of BMP-7 to promote osteogenesis on collagen-glycosaminoglycan scaffolds	Dr Fergal O'Brien Department of Anatomy Royal College of Surgeons in Ireland
Ms Lisa McAnena	Evaluation of the expression and prognostic significance of HER1-4 in breast cancer	Professor Michael Kerin Department of Surgery University College Hospital, Galway
Ms Clare O'Sullivan	EEG correlates of positive and negative future thinking	Dr Robert Whelan Department of Psychology St Vincent's University Hospital
Ms Sarah Kandil	Are interferon gamma-primed microglia more responsive to amyloid-beta?	Professor Marina Lynch Institute of Neuroscience Trinity College Dublin
Mr David Costello	Development of a novel method for differentiating breast lesion in diagnostic ultrasound images	Dr Jacinta Browne School of Physics Dublin Institute of Technology
Mr Stephen Penney	Effect of plasma treatment on cellular response	Dr William Gallagher Department of Pharmacology University College Dublin
Ms Elyssa Majawit	The relationship between lifestyle and socio-demographic profile at recruitment and first outcome follow-up through general practice in 2000 adult participants in the Lifeways Cross-generation Cohort Study	Professor Cecily Kelleher Department of Public Health Medicine and Epidemiology University College Dublin
Mr James O'Dwyer	Validation of the RT3 activity sensor in patients with Chronic Obstructive Pulmonary Disease	Ms Juliette Hussey Discipline of Physiotherapy Trinity College Dublin
Mr Brendan Lawless	Validation of Functional Transcranial Doppler Imaging Across Motor and Verbal-Production Tasks	Professor Kevin Malone Psychiatry Department St Vincent's University Hospital
Ms Maureen Clarke	Removing patients from a GPs list: Patient and Doctor perspectives	Dr David Whitford Department of General Practice Royal College of Surgeons in Ireland
Ms Hebah Nashat	Identification of factors responsible for influencing mesenchymal stem cell migration towards prostate cancer cells	Professor Tim O'Brien Department of Medicine National University of Ireland Galway

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Ms Annie Ngu	Prevalence of Epilepsy	Professor Patricia Noonan Walsh Centre for Disability Studies University College Dublin
Ms Romaine King	Bile acids and oesophageal metaplasia	Dr John Seery Department of Medicine St Vincent's University Hospital
Ms Roisin Colleran	Viral vector delivery of oligodendrocyte differentiation factors to adult mesenchymal stem cells	Dr Padraig Strappe Regenerative Medicine Institute National University of Ireland Galway
Ms Audrey Melvin	Analysis of the imprinted insulin like growth factor 2 (IGF2), and alpha-T-catenin genes in transitional cell carcinoma of the bladder (TCCB)	Dr Amanda McCann Department of Pathology University College Dublin
Mr John Byrne	Transcription complex formation in pluripotential mesenchymal	Dr Andrew Hillman REMEDI National University of Ireland Galway
Ms Norah Jordan	Factors influencing referral pathways from acute neurosurgical services- A systematic audit	Ms Catherine Dinneen Department of Psychology Beaumont Hospital
Ms Lakshmi Penugonda	Characterization of a novel prognostic assay for platelet activation in human blood	Dr Niamh Moran Department of Pharmacology Royal College of Surgeons in Ireland
Mr Ciaran Skerry	Synthesis and anti-microbial screening of new metal-based drugs	Dr Malachy McCann Department of Chemistry National University of Ireland Maynooth
Ms Ciara O'Hagan	Influence of gender and inspiratory muscle training on perception of dyspnea on normal healthy subjects	Dr Helen Harty Department of Physiology University College Dublin
Ms Dervla Connaughton	The role of angiogenin in motoneuron degeneration	Dr Dairin Kieran Department of Physiology Royal College of Surgeons in Ireland
Ms Gillian Murphy	A cross sectional study to describe the clinical impact of Ambulatory Blood Pressure Monitoring in routine general practice.	Dr Grainne Ni Uallachain Department of General Practice National University of Ireland Galway
Ms Mei Ann Choong	Determinants of metabolic control in young people with Type 1 Diabetes: Audit of clinical attendees	Professor B.G. Loftus Paediatric Department National University of Ireland Galway
Ms Sheila Sullivan	Determination of cyclooxygenase-2 (cox-2) expression in bladder cancer samples from smokers and non-smokers.	Professor Elaine Kay Department of Histopathology Royal College of Surgeons in Ireland

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Mr Dónal Tighe	The role of Net1 and Myeov in colorectal cancer cell proliferation and invasion.	Dr Peter Doran Department of Medicine and Therapeutics Univeristy College Dublin
Mr Michael Blake	Investigation into pain control achieved by drug delivery to peripheral opioid receptors	Dr Abina Crean School of Pharmacy University College Cork
Ms Karen McDermott	Malnutrition in inflammatory bowel disease: identifying patients at risk	Dr Maria O'Sullivan Department of Clinical Medicine Adelaide and Meath Hospital (incorporating the National Children's Hospital)
Ms Carol Keigher	Treating to target in Type 2 Diabetes	Dr Fidelma Dunne Department of Medicine University College Hospital, Galway
Ms Irene Walsh	Diet, oral hygiene, salivary parameters and dental erosion among dental students	Dr Helen Whelton University Dental School, Cork
Mr Harivinthan Sellappan	The effect of partial D2 receptor agonists on globus pallidus GABA, glutamate and aspartate release in a rodent model of Parkinson's disease	Dr William O'Connor Department of Physiology University College Dublin
Ms Doireann O' Flaherty	Characterisation of cell sub-populations in primary breast cell culture	Mr Oliver McAnena Department of Surgery University College Hospital, Galway
Mr Henrik Wahlberg	Assessment of telomerase expression levels in squamous cell carcinoma from both renal transplant and non-transplant patients	Dr Kilian Perrem Department of Pathology Royal College of Surgeons in Ireland
Mr Hugh Ramsay	Antibacterial and anti-inflammatory properties of nicotine	Professor Shane O'Neill Department of Respiratory Medicine Royal College of Surgeons in Ireland
Ms Clíodhna Ni Choisdealbha	The relationship between physical fitness, physical functioning and psychological status in patients one year post non-acute ischaemic stroke.	Dr Tara Cusack School of Physiotherapy University College Dublin
Ms Jennifer Rouine	Analysis of exercise-induced neurogenesis in the rat brain	Dr Aine Kelly Department of Physiology Trinity College Dublin