



Summer Student Grants 2007

Grant Holder	Project Title
Ms Jennifer Wilkinson Dept of Chemical & Environmental Sciences University of Limerick	ICE-like elements in the Irish clinical environments
Ms Yew Li Dang Dept of Physiology Royal College of Surgeons in Ireland	Studies investigating the actions of putative alpha1B-adrenoceptor antagonists
Mr Hong Kuan Kok Dept of Molecular & Cellular Therapeutics Royal College of Surgeons in Ireland	Carotid stiffness, blood pressure lowering therapy and cardiovascular outcome in a large cohort of hypertensive patients
Ms Lorna Holcroft Dept of Physiotherapy University College Dublin	An investigation into the contamination of respiratory stethoscopes with MRSA and current disinfection methods
Mr Fong Juen Kiew School of Medicine University College Dublin	The role of interleukin-23 in inflammatory arthritis
Ms Kristl Dorschner Dept of Molecular & Cellular Therapeutics Royal College of Surgeons in Ireland	TIN: A combinatorial compound universe
Ms Laura Davis Dept of Physiology Royal College of Surgeons in Ireland	Investigating a failure of protein quality control in ALS
Mr Darren Ruane Dept of Immunology Trinity College Dublin	Do biodegradable microparticles activate dendritic cells?
Ms Orla Power Dept of Chemistry National University of Ireland, Maynooth	Novel Antimicrobial Agents: Synthesis and Biological Evaluation
Ms Niamh Keane School of Medicine & Health Sciences National University of Ireland, Galway	Novel Antimicrobial Agents: Synthesis and Biological Evaluation

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<p>Mr Seng Hup Chia Dept of Molecular & Cellular Therapeutics Royal College of Surgeons in Ireland</p>	<p>Purification and Characterisation of polyclonal antibodies to Ro52</p>
<p>Ms Stacey Tan Dept of Medicine University College Hospital, Galway</p>	<p>Pilot Study to establish prevalence of (a) Diabetes (b) Pre-Diabetes and (c) Metabolic Syndrome in members of the Travelling Community</p>
<p>Ms Pei Hwa Hiew School of Medicine & Medical Science University College Dublin</p>	<p>Histone Acetylation and its role in Epithelial to Mesenchymal Transition (EMT) in Bladder Cancer</p>
<p>Ms Roisin Cahalan Dept of Physiotherapy University of Limerick</p>	<p>Which outcome measure is most appropriate for falls prevention programmes?</p>
<p>Ms Adel Doyle Dept of Life & Health Sciences University of Ulster</p>	<p>Feeding regimes used by beef and lamb farmers in Northern Ireland</p>
<p>Ms Limy Wong Dept of Surgery Royal College of Surgeons in Ireland</p>	<p>Biomarkers for breast cancer: Does co-expression of HER2 (c-erbB-2) and p53 affect the survival or recurrence in patients with breast cancer?</p>
<p>Ms Aisling Frizzell Dept of Biology National University of Ireland, Maynooth</p>	<p>Nonribosomal peptide synthetase gene expression in the human pathogen, <i>Aspergillus fumigatus</i></p>
<p>Ms Sadhbh O'Rourke Dept of Obstetrics & Gynaecology University College Dublin</p>	<p>Infection in Preterm Prolonged Rupture of the Membranes</p>
<p>Mr Tomás Griffin Dept of Surgery National University of Ireland, Galway</p>	<p>Role of bone-derived cells in mediating breast cancer metastasis</p>
<p>Mr Joo Ken Au Yong Dept of Molecular & Cellular Therapeutics Royal College of Surgeons in Ireland</p>	<p>Investigation of the Role of the Fc gamma receptor IIa in Platelet Aggregation and the Testing of Novel Inhibitors</p>
<p>Ms Ciara Cunningham School of Medicine St. Vincent's University Hospital</p>	<p>Mechanisms and consequences of obstructive sleep apnoea syndrome</p>
<p>Mr Fredolin Lainis School of Medicine University College Cork</p>	<p>Catecholamine mediated Heart Hypertrophy: Impact on Cardiac Function</p>

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Mr Patrick Nicholson Dept of Medicine St. Vincent's University Hospital	Myocardial Fibrosis In Systemic Sclerosis: Detection with Gadolinium-Enhanced Cardiac-Gated Magnetic Resonance Imaging
Ms Brighid Ní Longaigh Dept of Chemical & Environmental Science University of Limerick	Protease and protease inhibitor gene coupling in Irish clinical Streptococcus pyogenes isolates
Mr Mohd Fyzal Bahrudin School of Medicine Mater Misericordiae Hospital	Retinal endothelial proliferation and migration in response to platelet releasate
Ms Caroline Hanley Dept of Physiotherapy Trinity College Dublin	Magnetic Resonance Imaging and Ultrasonography of the Lower Trapezius Muscle: A comparison of Two Different Modalities
Mr Andrew Fulton School of Biomedical Science University of Ulster	Analyse the possible inhibitory effects of VEGF165b on retinal vascular development in mice overexpressing VEGF164 in the eye
Ms Catherine McCarthy Dept of Chemistry & Environmental Science University of Limerick	Health risks of triclorosan in common healthcare products
Ms Jane Foley Dept of Gastroenterology St. Vincent's University Hospital	Investigation of Expression Levels of Laminin Polypeptides LAMB2, LAMC1 AND LAMC2 in Stage II Colorectal Cancer with Good and Poor Survival Rates
Ms Maria Daly Dept of Genetics Trinity College Dublin	Testing for recent changes in alternative splicing of human genes
Mr Liam Mahedy Dept of Psychology National University of Ireland, Maynooth	A pilot study of the sensitivity and specificity of "The Ages and Stages" questionnaire on a cohort of Irish children
Ms Deirdre McKenna Dept of Irish Centre of Social Gerontology National University of Ireland, Galway	Creativity and Ageing: Implications for Research, Practice and Policy
Ms Sharon Kelly Dept of Occupational Therapy National University of Ireland, Galway	Splint Wearing Time-Monitor
Mr Sebastian McWilliams Dept of Radiology Cork University Hospital	Radiation dose associated with Computed Tomography in Patients with Crohn's disease

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Ms Katherine Ross School of Medicine & Medical Science University College Dublin	E-cadherin Regulation by ZEB1 in Urothelial Carcinoma of the Bladder :- Clinicopathological Correlations
Ms Aisling Jennings Dept of Paediatrics & Child Health Cork University Hospital	Epidemiology of insect sting anaphylaxis in Irish school children
Ms Sara Naimimohasses Dept of Immunology St. James's Hospital	Basophils and basophil activation in allergic disease
Ms Vanessa Buckley School of Psychology Trinity College Dublin	Investigating the age of acquisition of words produced in semantic fluency tests as a differential factor between adults with Alzheimer's Disease and healthy controls
Mr David Kelly School of Medicine & Medical Science University College Dublin	Role of statins in the regulation of neutrophil migration in patients undergoing open heart surgery
Ms Ciara Ho School of Medicine Royal College of Surgeons in Ireland	Study of Single Nucleotide Polymorphisms (SNP) and Long-Term Kidney Transplant Outcome
Mr David Lynch School of Medicine Royal College of Surgeons in Ireland	Angiogenin Haplotypes in a Swedish Sporadic ALS Cohort
Ms Laura McKenna School of Physiotherapy Royal College of Surgeons in Ireland	Factors associated with slipper wearing at home among older day hospital patients
Ms Eleanor Phillips School of Physiotherapy Royal College of Surgeons in Ireland	Validating a steadiness score in an Irish day hospital population
Mr Brendan O'Connor Dept of Surgery University College Cork	Overexpression of ST2 Downregulates TL2-mediated NF-kappaB Activation
Ms Fionnuala Finnerty Dept of General Practice National University of Ireland, Galway	An Investigation of the prevalence of Acquired Brain Injuries through G.P. settings in Mayo, Roscommon and Galway
Ms Ellen Brady Dept of Psychology University College Dublin	Supported Socialisation In Serious Mental Illnesses
Mr Stephen Murphy Dept of Medicine Trinity College Dublin	Summer research

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<p>Ms Jasmine Wong School of Medicine Royal College of Surgeons in Ireland</p>	<p>Identification of the Binding Site of a Novel Antagonist of GPIIb/IIIa using Computational Docking Methods</p>
<p>Mr Thomas Drew School of Medicine & Medical Science University College Dublin</p>	<p>The evaluation of a panel of hypoxia regulated biomarkers in ovarian tumours using tissue microarray technology</p>
<p>Ms Emily Ahern School of Pharmacy University College Cork</p>	<p>Inappropriate prescribing in the elderly, a review of primary care prescriptions</p>
<p>Ms Chuan Yang Wang Dept of Electronic Engineering Trinity College Dublin</p>	<p>Biofeedback Assisted Lee Silverman Voice Training for Patients with Idiopathic Parkinson's Disease</p>
<p>Ms Grainne Holleran School of Health & Health Sciences University College Dublin</p>	<p>Ductal Carcinoma in Situ of the breast - a study to identify predictive factors of disease virulence. We hypothesise that ESX protein expression in DCIS specimens may predict aggressiveness of the tumour</p>
<p>Mr Reinold Goetz School of Medicine Royal College of Surgeons in Ireland</p>	<p>Patients' Perceptions of The Reconstructive Process</p>
<p>Mr Jason Devoy Keegan School of Natural Sciences Trinity College Dublin</p>	<p>Geohelminth and Cryptosporidium infection in young Nigerian children</p>
<p>Ms Emma Ni Ruairc-Williams Dept of Clinical Microbiology Beaumont Hospital</p>	<p>Susceptibility of MRSA isolates from bloodstream infections to novel host immune defence peptides</p>
<p>Mr Padraig Casey Dept of Psychiatry St. James's Hospital</p>	<p>The clinical and psychological impact of cannabis abuse in schizophrenia</p>
