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| **Supervisor(s)** | **BSc Course, Year 3 Option** | **Project title** |
| Dr Mary Sheppard | CVS | Is myocardial contraction band necrosis an important histological signature in victims of sudden cardiac death during emotional stress? |
| Dr Richard Starke | CVS | How to make new blood vessels: A new role for von Wilebrand factor |
| Dr A Purohit | Endocrinology | Dual Aromatase- Sulphatase inhibitors for breast cancer therapy |
| Prof Gary Frost | Endocrinology | The role of different dietary fatty acids in the release of appetite hormones |
| Dr Damien Ashby | Endocrinology | Diurnal changes in hepcidin and circulating iron in health and in renal failure |
| Prof Guy Rutter | Endocrinology | Impact of human polymorphic variations in miR34 on insulin secretion |
| Dr Kevin Murphy | Endocrinology | How do amino acids inhibit appetite? |
| Dr Gavin Bewick | Endocrinology | Free fatty acid receptor 2 and glucose homeostasis |
| Dr Elaine Murphy | Endocrinology | A systematic review of X-linked hypophosphataemia in a single centre. |
| Prof GR Williams and Dr JHD Bassett | Endocrinology | The role of follicular stimulating hormone signalling in the adult skeleton |
| P. Karayiannis | Gastroenterology | Does the 3' non-coding region affect the translational efficiency of the HCV IRES? |
| Salim Khakoo | Gastroenterology | Hepatitis C and HLA-G: a novel immunological role |
| M. McGarvey | Gastroenterology | Abnormal changes in liver cell lipid metabolism during hepatitis C virus infection. |
| Geoff Garnett | Global Health | A review Comparing Fertility Rates in Developing & Developed Countries |
| Paolo Vineis | Global Health | Exposure to pesticides in Bangladesh |
| Neil M. Ferguson | Global Health | Evaluation of the role of effectiveness of border measures for the control of respiratory emerging diseases |
| Alan Fenwick / Wendy Harrison | Global Health | How mass drug administration for the control of the neglected tropical diseases (NTDs) impact maternal health |
| Tom Lissaur | Global Health | The contextualisation of malnutrition in Rwanda, focussing on the definition of malnutrition |
| Prof David Lane | Haematology | Dual cofactor function of protein S |
| Prof Mike Laffan | Haematology | Plasma determinants of fibrinolysis |
| Prof Mike Laffan | Haematology | The mechanism of increased thrombotic risk in paroxysmal nocturnal haemoglobinuria |
| Dr F Carlucci | Immunity | Renal plasma cells (PCs) contribution to systemic autoantibody titres in a congenic model of SLE |
| Dr D Vlachou | Immunity | Identification of malaria parasite genes that putatively interact with the mosquito immune system |
| Prof G Smith | Immunity | Enhancing innate immune sensing of DNA to potentiate vaccine immunogenicity |
| Dr N Rogers | Immunity | Refining the genetic boundaries of BXSB Chromosome I congenic mice |
| Dr R Boyton | Immunity | Expression levels of HLA-C in multiple sclerosis patients |
| Dr Claire Thornton | Neuroscience | TRAIL-mediated apoptosis in response to Hypoxic-Ischaemic challenge in immature neurons |
| Dr. David Soto | Neuroscience | Neural mechanisms of human visual memory and selective attention: TMS and tDCS studies |
| Dr Craig Ritchie | Neuroscience | Diagnostic Accuracy of CSF and Plasma Ab in people with dementia. A Cochrane DTA Review. |
| Dr Cornelius Ani | Neuroscience | Social anxiety in children with sickle cell disease |
| Professor David Brooks | Neuroscience | Sleep disorders in Parkinson's disease |
| Dr. David Soto | Neuroscience | fMRI scans of hippocampal regions during memory recollection |
| Dr Robin Tyacke | Neuroscience | Imidazoline binding sites / receptors: a critical review of the current literature |
| Dr Mike Crawford | Neuroscience | Self expression among people with psychosis |
| Dr. P. Guillot | Reproductive & Developmental Sciences | Stem cell biology in transplantation |
| Dr Uta Griesenbach | Respiratory Science | Does the lack of CFTR in immune cells of cystic fibrosis patients directly impair the immune system and, therefore, affect host response to microbial infection? |
| Dr Meinir Jones | Respiratory Science | Is ‘natural tolerance’ at high allergen exposure, associated with inhibitory IgG4 antibodies? |
| Dr Louise Donnelly | Respiratory Science | Effect of red wine extract, resveratrol, on leukocyte migration |
| Dr Coen Wiegman | Respiratory Science | Mitochondrial Reactive Oxygen Species (ROS) production and function during oxidative stress induced inflammation in mouse models of COPD. |
| Dr Mark Birrell | Respiratory Science | The role of JAK/STAT pathway in the pathogenesis of Chronic Obstructive Pulmonary Disease. |