**POTENTIAL SUPERVISORS**

## Professor Jon Austyn

- Cancer therapeutics (including biologicals) and vaccines
- Immunology
- Adaptive immunity and autoimmune disease
- Innate immunity and inflammation
- Immunology: Transplantation and tolerance
- Vaccines
- Microbiology, infection and tropical medicine: Host-pathogen interactions
- Systems vaccinology
- Surgical science and practice
- Translational Medicine and Medical Technology
- Translational medicine and medical technology: Nanomedicine
- Translational medicine and medical technology: Vaccines
- Infection Immunology and Translational Medicine
- Surgical Sciences

## Professor Tipu Aziz

- Ageing, Geratology and Degenerative Diseases
- Neuroscience
- Clinical neuroscience
- Functional brain imaging
- Neurodegenerative diseases
- Systems, cognitive and behavioural neuroscience
- Surgical science and practice
- Translational Medicine and Medical Technology
- Surgical Sciences

## Mr Martin Burton

- Bioinformatics, Statistics and Computational Biology
- Statistical genetics
- Genes, Genetics, Epigenetics and Genomics
- Immunology
- Innate immunity and inflammation
- Surgical science and practice
- Translational Medicine and Medical Technology
- Translational medicine and medical technology: Nanomedicine
- Surgical Sciences

## Dr Andrew Bushell

- Immunology
- Immunology: Transplantation and tolerance
- Surgical Sciences

## Professor James Byrne

- Cardiovascular  Sciences
- Imaging
- Developmental Biology and Stem Cells
- Imaging development
- Neuroscience
- Clinical neuroscience
- Functional brain imaging
- Surgical science and practice
- Translational Medicine and Medical Technology
- Translational medicine and medical technology: Imaging
- Surgical Sciences

### Professor David Cranston

- Cancer
- Cellular mechanisms (including tumour microenvironment, angiogenesis and metastasis)
- Clinical trials
- Surgical science and practice
- Translational Medicine and Medical Technology
- Surgical Sciences

### Dr Claire Edwards

- Cancer
- Cancer diagnostics (biomarkers and imaging)
- Cancer therapeutics (including biologicals) and vaccines
- Cellular mechanisms (including tumour microenvironment, angiogenesis and metastasis)
- Molecular mechanisms
- Endocrine action in cancer
- Haematology
- Cell biology and microscopy
- Cellular and molecular biology in musculoskeletal systems
- Gentics and epigenetics
- musculoskeletal oncology
- Musculoskeletal Sciences (direct-entry)
- Surgical Sciences

### Dr James Fitzgerald

### Professor Peter Friend

- Diabetes, Endocrinology and Metabolism
- Evidence-based health care, clinical trials methodology and epidemiology
- Evidence-Based Practice, Epidemiology and Health Care Delivery
- Gastroenterology and Hepatology
- Viral and autoimmune liver disease
- Immunology
- Adaptive immunity and autoimmune disease
- Innate immunity and inflammation
- Immunology: Transplantation and tolerance
- Surgical science and practice
- Translational Medicine and Medical Technology
- Surgical Sciences

### Mr Alex Green

- Neuroscience
- Clinical neuroscience
- Systems, cognitive and behavioural neuroscience
- Respiratory Sciences
- Surgical science and practice
- Translational Medicine and Medical Technology
- Surgical Sciences

### Professor Alison Halliday

- Cardiovascular  Sciences
- Epidemiology & clinical trials
- Vascular disease
- Surgical science and practice
- Translational Medicine and Medical Technology
- Translational medicine and medical technology: Imaging
- Surgical Sciences

### Professor Freddie Hamdy

- Cancer
- Cancer diagnostics (biomarkers and imaging)
- Cancer therapeutics (including biologicals) and vaccines
- Cellular mechanisms (including tumour microenvironment, angiogenesis and metastasis)
- Clinical trials
- Epidemiology and population genetics
- Surgical science and practice
- Translational Medicine and Medical Technology
- Surgical Sciences

### Mr Ashok Handa

- Cardiovascular  Sciences
- Imaging
- Vascular disease
- Design of patient pathways and clinical support systems
- Health economics, policy, promotion, and services
- Medical ethics and law
- Patient safety
- Primary care and general practice
- Evidence-Based Practice, Epidemiology and Health Care Delivery
- Surgical science and practice
- Translational Medicine and Medical Technology
- Surgical Sciences

### Ms Linda Hands

- Cardiovascular  Sciences
- Epidemiology & clinical trials
- Vascular disease
- Design of patient pathways and clinical support systems
- Primary care and general practice
- Evidence-Based Practice, Epidemiology and Health Care Delivery
- Surgical science and practice
- Translational Medicine and Medical Technology
- Surgical Sciences

### Professor Paul Johnson

- Developmental Biology and Stem Cells
- Embryonic stem cells
- Diabetes, Endocrinology and Metabolism
- Diabetes and the metabolic syndrome
- Immunology
- Adaptive immunity and autoimmune disease
- Innate immunity and inflammation
- Immunology: Transplantation and tolerance
- Surgical science and practice
- Translational Medicine and Medical Technology
- Surgical Sciences

### Professor Hans Lilja

- Cancer
- Cancer diagnostics (biomarkers and imaging)
- Reproductive, Genitourinary and Sexual Medicine
- Surgical science and practice

### Mr Peter McCulloch

- Design of patient pathways and clinical support systems
- Health economics, policy, promotion, and services
- Medical ethics and law
- Patient safety
- Evidence-Based Practice, Epidemiology and Health Care Delivery
- Gastroenterology and Hepatology
- Inflammation-driven cancer
- Inflammatory bowel disease
- Surgical science and practice
- Translational Medicine and Medical Technology
- Surgical Sciences

### Professor Rutger Ploeg

- Diabetes, Endocrinology and Metabolism
- Immunology
- Innate immunity and inflammation
- Immunology: Transplantation and tolerance
- Surgical science and practice
- Translational Medicine and Medical Technology
- Surgical Sciences

### Professor David Taggart

- Cardiovascular  Sciences
- Biomedical engineering
- Surgical science and practice
- Translational Medicine and Medical Technology
- Surgical Sciences

### Professor Kathryn Wood

- Diabetes, Endocrinology and Metabolism
- Immunology
- Innate immunity and inflammation
- Immunology: Transplantation and tolerance
- Surgical science and practice
- Translational Medicine and Medical Technology
- Translational medicine and medical technology: Stem cells and cell therapy
- Infection Immunology and Translational Medicine
- Surgical Sciences