Research activity

Current research activity falls into the following areas:

Renal

- Angioplasty and Stent for Renal Artery Lesions.
- DNA Repository for Glomerulonephritis.
- Assessment of arterial stiffness in patients with chronic kidney disease.
- Heterogeneity of injury in vasculitis.
- B cell therapy in the treatment of ANCA associated vasculities.
- A Phase I Study in Patients with Treatment Resistant Idiopathic Focal Segmental Glomerulosclerosis (FSGS).
- A randomised clinical trial in remission induction in ANCA associated vasculitis.
- Inhibitor Minimisation in Renal Transplant Recipients with Stable Allograft Function.
- Disease assessment in systemic vasculitis.

Endocrinology

- Polycystic Ovarian Syndrome (PCOS).
- Progesterone metabolism and 11B-hydroxysteroid dehydrogenase activity.
- Glucose Metabolism and Cardiovascular risk.
- Growth hormone replacement therapy cardiovascular risk.
- Obesity and Steroid Metabolism.
- 11β-hydroxysteroid dehydrogenase type 1 and Hexose 6 Phosphate Dehydrogenase in the Metabolic Syndrome.
- Intramuscular triglyceride colocalisation with mitochondria.
- The role of local glucocorticoid generation in idiopathic osteoporosis.
- Cortisol metabolism and impaired glucose tolerance.

SLE

- SLE disease activity, its complications and therapy.
- SLICC registry for atherosclerosis and malignancy in SLE.
- Assessment of Disease Activity in Systemic Lupus Erythematosus.
- Genetic susceptibility in systemic lupus erythematosus.
- Long-Term Outcome of Children born to SLE patients.

Hypertension

- Mineralocorticoid hypertension.
- Management of patients with white coat, borderline, and confirmed hypertension.
- The Impact of Weight Loss on Idiopathic Intracranial Hypertension.
- Cognitive funtion in Hypertension.
- Using control charts to monitor blood pressure.
- A twelve week, randomized, multicentre study in patients with essential hypertension and metabolic syndrome.

Oncology

- Prostate Cancer and Treatment.
- Randomised controlled trial in patients with advanced renal cell carcinoma.
- Gene and Immunotherapy for the treatment of malignant disease.
- Androgen suppression for patients with prostate-specific-antigen progression.
- Radiotherapy with and without synchronous chemotherapy in muscle invasive bladder cancer research.
- Markers in patients with muscle invasive transitional cell carcinoma of the bladder.
- A randomised Phase II trial in Hormone Refractory Prostate Cancer metastatic to bone.
- Chemoembolisation Techniques for Hepatocellular Carcinoma.
- A randomised Phase III study in Metastatic Melanoma.
- Pituitary radiotherapy.
- A three-arm randomised controlled trial in metastatic colorectal cancer.
- A Phase I, dose escalation trial of Recombinant Modified vaccine encoding Epstein-Barr target antigens.
- Systemic Therapy in Advancing or Metastatic Prostate Cancer: Evaluation of Drug Efficacy.

- Why do some cancer patients refuse to participate in clinical trials?
- Vaccine optimisation and assay development in a clinical trial of a vaccine for metastatic melanoma.
- A randomised efficacy trial of herpes simplex virus HSV1716 in Recurrent Glioblastoma Multiforme.
- Bladder Cancer Prognosis Programme.
- British Thoracic Oncology Group Phase III trial in stage IIIB/IV non-small cell lung cancer.
- A placebo controlled, flexible dose, randomised controlled trial in men with erectile dysfunction after pelvic surgery for rectal carcinoma.
- A study of patients with advanced malignancies refractory to conventional anti-cancer treatments.

Other

- Aponoeic threshold in normal healthy volunteers.
- Supplementation as treatment for the Irritable Bowel Syndrome.
- A study of Pulmonary Involvement in small vessel Vasculitides.
- Nutritional assessment post liver transplant and correlation with quality of life.
- Lipodystrophy and lipoprotein kinetics in HIV patients.
- Optimisation of asthma therapy in adult and adolescent patients with severe persistent allergic asthma, who remain inadequately controlled.
- Cross sectional multi-centre study of UK adults with Congenital Adrenal Hyperplasia.
- Remission Induction in very early rheumatoid arthritis.
- Differentiating the Mechanism of Action of Anti-TNFalpha Agents in rheumatoid arthritis, psoriatic arthritis and inflammatory bowel disease.
- External focus feedback for motor skill acquisition after stroke
- Energetic Abnormalities in Heart Failure with Preserved Ejection Fraction.
- Hypocapnia and the diagnosis of early coronary artery disease.
- The effects of obesity on venous impedance and outflow.
- Metabolic manipulation in chronic heart failure.
- Neuropsychological Profile of People with Craniopharyngioma.
- A clinical pharmacology study in otherwise healthy male Hepatitis C carriers with compensated liver disease.
- Cardiac function in patients receiving therapy for a prolactinoma.
- Ultrasound for venous leg ulcers.

Clinics

- Urology-Oncology Research Clinic.
- Vasculitis Research Clinics.
- Hypertension Research Clinics.
- Endocrinology.

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