

ICM Research Seminar Wednesday 2nd May

Thilanka Kumari Ranathunga

(Dr Tom Hill, Prof. John Mathers, Dr Terry Aspray)

Association between serum 25(OH)D concentration and muscle function in older adults : Results from the Vitamin D Supplementation in Older People (VDOP) study

Vitamin D has an important regulatory effect in muscle tissues. The optimal 25(OH)D concentration required for muscle function is not universally agreed. The objective of this study was to identify the association between serum 25(OH)D concentration and muscle function of older adults using 25(OH)D thresholds used in North America and the United Kingdom.

Dr Ahmad Al-Mrabeh

(Prof. Roy Taylor)

Metabolic changes after calorie restriction and remission of type 2 diabetes

The Diabetes Remission Clinical Trail (DiRECT) is a cluster randomized study conducted in Primary Care. It established the effectiveness of a simple technique to achieve major weight loss. In order to elucidate the physiological mechanisms underlying remission of type 2 diabetes, a detailed metabolic study was nested within the main design of DiRECT.

Marie Boyle

(Prof. Jelena Mann, Prof. Quentin Anstee)

Establishment of Fibrosis Biomarkers and the Development of an Epigenetic Progression Signature in patients with NAFLD.

The development of novel fibrosis biomarkers in patients with NAFLD and the establishment of DNA methylation markers as possible predictors of fibrosis progression.

Chair: Emma Scott

Dental Lecture Theatre F, Medical School

1pm - 2pm