

## **ICM Research in Progress Seminar**

### **Monday 1<sup>st</sup> October**

**Alison Greenwood**

(Prof. P Lovat)

#### **The Prognostic Impact of Autophagy Biomarkers for Skin Cancer.**

Major challenges in melanoma management which include the identification of biomarkers able to identify high risk tumour subsets. Data presented will include the identification of two novel protein biomarkers: AMBRA1 and Loricrin whose expression is retained in the skin (epidermis) overlying genuinely low risk tumours while loss of expression identifies high risk tumour subsets.

**Jadine Scragg**

(Dr. L Avery, Dr. K Hallsworth, Dr. S Cassidy, Prof. M Trenell)

#### **Cohort analysis of patients assessed for liver transplantation: reasons for ineligibility**

This analysis aims to assess the listed/ non-listed populations of patients assessed for liver transplantation, inclusive of lifestyle behaviours and functional capacity.

**Tarek Abdelghany**

(Prof. M Wright)

#### **The effect of the side chain alkyl length on imidazolium ionic liquid hepatotoxicity**

Studies on the presence of xenobiotics in soil samples around a waste site identified the ionic solvent 1-octyl-3-methylimidazolium (M8OI) through its toxicity to liver cells. To gain more insight into the toxic effects of M8OI, the effects of different 1-alkyl-3-methylimidazolium ionic solvents were examined in the hepatic progenitor B-13 and hepatocyte like B-13/H cells.

**Chair: Mohammed Almqbel**

**Dental Lecture Theatre D, Medical School**

**1pm - 2pm**