

# Wigmore Group

## Drivers and diagnostics for primary liver cancers, functional liver imaging and organ preconditioning

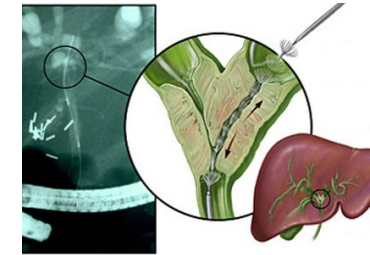
- Inflammation drives formation of liver and bile duct cancers
- Identification of cell-free DNA signatures using exosome or epigenetic analysis may facilitate detection and improve treatment of liver cancers
- Functional imaging makes liver surgery safer
- Harnessing natural cell protection pathways eg Heme oxygenase-1 can provide a therapeutic target for preconditioning organs for transplant
- Major UK RCT in renal transplant
- MicroRNA profiling may predict response: stratified medicine
- Funding MRC, KRUK, NIHR, CRUK, Lothian Endowments, RCSEd

Inflammation as a driver for bile duct cancer formation in primary sclerosing cholangitis

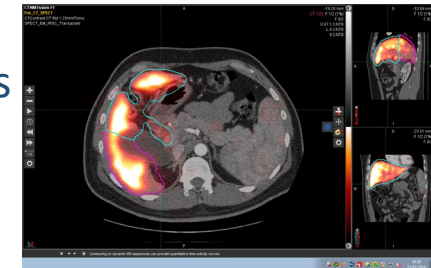
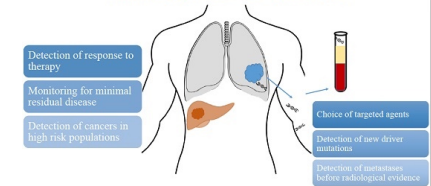
Liquid biopsy, epigenetics and genomic Analysis of patients with primary liver cancer

Functional liver imaging and novel techniques for imaging primary liver cancer

Novel therapeutic interventions to precondition organs for transplantation



Clinical Applications of Liquid Biopsy



**HOT2**  
Study Meeting

The **HOT2** Trial is due to open to recruitment this summer. For those unable to attend the Edinburgh Site Initiation Visit last month, you have a second chance to hear about this exciting trial on:

**Monday 13th August 2018**  
3.30pm-5.30pm  
Transplant Seminar Room  
(outside ward 206, R1E)

For further details contact Chief Investigator, Prof Lorna Marson (Lorna.Marson@ed.ac.uk) or the HOT2 Trial team (hot2@ed.ac.uk)

ALL WELCOME. REFRESHMENTS WILL BE PROVIDED