

ICM Research Seminar

Wednesday 21st February

Dr Allison Farnworth

(Prof Stephen Robson)

Handle with Care. How do frontline NHS health care workers influence the quality of the services they deliver?

Frontline NHS staff have a crucial role to play in securing quality of care in the NHS but there can be tensions between what they consider to be a good quality service and organisational definitions of quality. Using early pregnancy loss as an exemplar, this study uses social theory to explore the mechanisms by which frontline NHS staff influence quality of care on a day to day basis, and the implications this may have for system level improvements.

Chanachai Sae-Lee

(Dr. Hyang-Min Byun, Prof John C. Mathers)

Inhibition of DNMT isoform by dietary compounds using DNMT overexpressing cell line

DNA methyltransferases (DNMTs) play an important role in DNA methylation. Currently, these enzymes have been targeted for cancer therapy. The aim is to investigate the effect of dietary compounds on inhibiting DNMT and to modulate DNA methylation level. I generated cell lines stably overexpressing 13 different DNMT isoforms and I will test dietary compounds to examine DNMT isoform-specific inhibitory effects.

Dr Rui Chen

(Prof Sophie Hambleton)

NUDCD3 – A novel player in the pathomechanism of Omenn's Syndrome and T-B-SCID.

This research project illustrates a novel pathomechanism by which mutation in NUDCD3, a gene which has never previously been linked to lymphocyte development, leads to aberrant V(D)J recombination and, as a consequence, to the clinical phenotypes of Omenn Syndrome (OS) and T-B- Severe Combined Immunodeficiency (T-B- SCID).

Chair: Michelle James

Dental Lecture Theatre F, Medical School

1pm - 2pm