

CR-UK Leicester Centre and Cancer Studies Seminar

FBXW7 E3-ubiquitin ligase receptor & its new targets: lineage potential and commitment to cancer

Thursday 22th September 2016 at 12 midday



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VENUE

Frank and Katherine May Lecture Theatre,
Henry Wellcome Building

BIOGRAPHY:

Upon successful fulfillment of my doctorate degree on the genetic engineering of Picornavirus, human Parechovirus 1, at the Essex Univ. 2001, I joined Cancer Research UK (CR-UK) London Research Institute (previously ICRF), where I carried out fundamental basic-research into the links between transcription, MAPKs signaling & diseases, including the cellular/molecular biology of cancer. In 2007, I joined the faculty of the UoN, where I started as a lecturer, and was promoted as an Associate Professor. My group focuses on exploring the mechanism for tumor initiation and maintenance of the stem cell, with combining a translational research in tissue-specific manner (physiology and related disease pathology), using a battery of state of the art approaches; including the generation, the analysis of tissues specific knockouts, genetic crossing onto tumor models, ex-vivo organoid culture, neoplastic stem cell models, ex-vivo lentiviral-based Cre/LoxP system, proteomic and the screening of protein-protein interactions, gene arrays, 3D/ co-culture and human tissue analysis, and mainly on formation of human colon/ intestinal and leukaemia cancers.

Free and open to staff and students of the University of Leicester, MRC Toxicology Unit and University Hospitals of Leicester NHS Trust