

External Seminar - Autophagy, cancer and more: TBK1 networks in health and disease

Locations	S104 Cancer Sciences
Date(s)	Tuesday 8th October 2013 (13:00-14:00)
Contact	For further information please contact Pauline Goddard E: p.n.goddard@bham.ac.uk (mailto:p.n.goddard@bham.ac.uk) T: +44 (0) 121 414 7144 or contact the seminar host, Dr Graham Taylor on +44 (0)121 414 7983.
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Autophagy, cancer and more: TBK1 networks in health and disease

Dr Simon Wilkinson
Edinburgh Cancer Research UK Centre, University of Edinburgh

Biography

Simon did his PhD on the role of Rho GTPase signalling in cell motility at the Institute of Cancer Research in London, under the supervision of Chris Marshall, before moving on to analyse the role of cell death pathways in cancer during his PhD, where he became interested in the role of autophagy in cancer biology, working with Kevin Ryan. Simon is a CRUK Career Development Fellow based at the MRC Institute of Genetics and Molecular Medicine (formerly MRC Human Genetics Unit) at the University of Edinburgh and is in the second year of his fellowship. He will talk about the newest work in the laboratory, which can broadly be summarised as:

- 1) Discovery of new factors that facilitate autophagy as a response to metabolic stress in cancer cells.
- 2) Proteomic and mechanistic dissection of non-metabolic roles of autophagy in cancer, including control of cell signalling

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