

# The Biochemical Society

## Speaker Highlight: Dr Michael McCarthy



- Research interests include Cancer Immunology and Cellular Metabolism
- Locum Consultant Medical Oncologist at St. James's Hospital, Dublin
- Completed his DPhil in the Centre for Cellular and Molecular Physiology, University of Oxford

### Research:

- Cellular metabolism controls NKG2D-dependent cellular immunogenicity. Conference paper, Annual Congress of the British-Society-for-Immunology
- Glucose and NKG2D ligand expression: a link between cellular immunogenicity and warburg metabolism. Conference Paper, 37th Congress of the European-Society-for-Medical-Oncology (ESMO)
- Hypoxia induces a lipogenic cancer cell phenotype via HIF1 $\alpha$ -dependent and -independent pathways. *Oncotarget*.
- Purine nucleotide metabolism regulates expression of the human immune ligand MICA. *Journal of Biological Chemistry*.