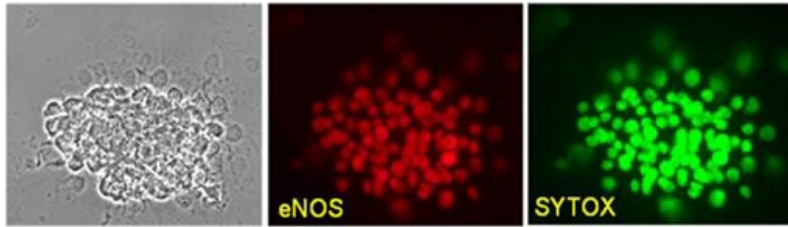


Cell signalling and trafficking



As part of our cell signalling and trafficking research, staff explore the

following areas:

- Exploitation of differentiation and apoptosis pathways in the development of therapies for haematological malignancies ([Dr Chris Bunce \(/staff/profiles/biosciences/bunce-chris.aspx\)](#))
- The role of phosphoinositides in cell regulation ([Dr Steve Dove \(/staff/profiles/biosciences/dove-stephen.aspx\)](#))
- Targets and mechanisms involved in the self-incompatibility response in Papaver rhoeas pollen ([Professor Noni Franklin-Tong \(/staff/profiles/biosciences/franklin-tong-noni.aspx\)](#))
- Growth factors, receptors and human disease ([Professor John Heath \(/staff/profiles/biosciences/heath-john.aspx\)](#))
- Rho GTPases, cell adhesion, epithelial cells ([Dr Neil Hotchin \(/staff/profiles/biosciences/hotchin-neil.aspx\)](#))
- Calcium: signalling, homeostasis, ATPase; IP3 and ryanodine receptors ([Dr Frank Michelangeli \(/staff/profiles/biosciences/michelangeli-francesco.aspx\)](#))
- Signal transduction and regulation of activity in human sperm. Human fertility ([Dr Steve Publicover \(/staff/profiles/biosciences/publicover-steve.aspx\)](#))
- The role of vesicle trafficking during cell motility ([Dr Joshua Rappoport \(/staff/profiles/biosciences/rappoport-joshua.aspx\)](#))
- Structure/function studies on mammalian and plant dehydrogenases (Dr Jon Ride)
- Soller Post-transcriptionally controlled gene networks in neuronal development and function ([Dr Matthias Soller \(/staff/profiles/biosciences/soller-matthias.aspx\)](#))
- Regulation of platelet and endothelial cell surface receptors by tetraspanin microdomains ([Dr Michael Tomlinson \(/staff/profiles/biosciences/tomlinson-michael.aspx\)](#))
- The structure and function G-protein-coupled receptors with peptide ligands ([Professor Mark Wheatley \(/staff/profiles/biosciences/wheatley-mark.aspx\)](#))

