

## Toxicology

Included within toxicology is research into the following areas:

- Mechanistic Toxicology & Ecotoxicology ([Professor Kevin Chipman \(/staff/profiles/biosciences/chipman-kevin.aspx\)](/staff/profiles/biosciences/chipman-kevin.aspx))
- Mechanisms of genetic toxicity. Oxidative stress and adaptive changes in gene expression ([Dr Nik Hodges \(/staff/profiles/biosciences/hodges-nik.aspx\)](/staff/profiles/biosciences/hodges-nik.aspx))
- Calcium: signalling, homeostasis, ATPase; IP3 and ryanodine receptors ([Dr Frank Michelangeli \(/staff/profiles/biosciences/michelangeli-francesco.aspx\)](/staff/profiles/biosciences/michelangeli-francesco.aspx))
- Pterin metabolism and neurological disease; metabolism of xenobiotics and predisposition to disease (Dr Anne Pheasant)
- Metabolomics method development and application to pathophysiological processes, toxicity and disease ([Professor Mark Viant \(/staff/profiles/biosciences/viant-mark.aspx\)](/staff/profiles/biosciences/viant-mark.aspx))
- Human toxicology (Dr Rosemary Waring)