







## Research Papers

- Characterization of a novel peroxisome membrane protein essential for conversion of isopenicillin N into cephalosporin C  
*Published as BJ Immediate Publication 6 September 2010, doi:10.1042/BJ20100827*
- Structural investigation of *myo*-inositol dehydrogenase from *Bacillus subtilis*: implications for catalytic mechanism and inositol dehydrogenase subfamily classification  
*Published as BJ Immediate Publication 1 September 2010, doi:10.1042/BJ20101079*
- Carbohydrate-response-element-binding protein (ChREBP) and not the liver X receptor  $\alpha$  (LXR $\alpha$ ) mediates elevated hepatic lipogenic gene expression in a mouse model of glycogen storage disease type 1  
*Published as BJ Immediate Publication 20 September 2010, doi:10.1042/BJ20101225*
- Transforming JAK1 mutations exhibit differential signalling, FERM domain requirements and growth responses to interferon- $\gamma$   
*Published as BJ Immediate Publication 24 September 2010, doi:10.1042/BJ20100774*
- Guanylate cyclase-G, expressed in the Grueneberg ganglion olfactory subsystem, is activated by bicarbonate  
*Published as BJ Immediate Publication 26 August 2010, doi:10.1042/BJ20100617*
- AHSP ( $\alpha$ -haemoglobin-stabilizing protein) stabilizes apo- $\alpha$ -haemoglobin in a partially folded state  
*Published as BJ Immediate Publication 22 September 2010, doi:10.1042/BJ20100642*
- Ectodomain shedding of the Notch ligand Jagged1 is mediated by ADAM17, but is not a lipid-raft-associated event  
*Published as BJ Immediate Publication 6 September 2010, doi:10.1042/BJ20100321*
- Chelation of lysosomal iron protects against ionizing radiation  
*Published as BJ Immediate Publication 16 September 2010, doi:10.1042/BJ20100996*
- Biochemical and thermodynamic characterization of mutated  $\beta$ 1,4-galactosyltransferase 7 involved in the progeroid form of the Ehlers–Danlos syndrome  
*Published as BJ Immediate Publication 1 September 2010, doi:10.1042/BJ20100921*
- Removal of amino acid, peptide and protein hydroperoxides by reaction with peroxiredoxins 2 and 3  
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