

## Reviews

- Active transporters as enzymes: an energetic framework applied to major facilitator superfamily and ABC importer systems** **B.H. Shilton** **193–199**  
*Published on the Internet 2 April 2015, doi:10.1042/BJ20140675*
- Metallophosphoesterases: structural fidelity with functional promiscuity** **N. Matange, M. Podobnik and S.S. Visweswariah** **201–216**  
*Published on the Internet 2 April 2015, doi:10.1042/BJ20150028*

## Accelerated Publication

- Assembly and structure of Lys<sup>33</sup>-linked polyubiquitin reveals distinct conformations** **Y.A. Kristariyanto, S.-Y. Choi, S.A.A. Rehman, M.S. Ritorto, D.G. Campbell, N.A. Morrice, R. Toth and Y. Kulathu** **345–352**  
*Published on the Internet 2 April 2015, doi:10.1042/BJ20141502*

## Research Papers

- ABC50 mutants modify translation start codon selection** **J.D. Stewart, J.L. Cowan, L.S. Perry, M.J. Coldwell and C.G. Proud** **217–229**  
*Published as BJ Immediate Publication 19 January 2015, doi:10.1042/BJ20141453*
- Ischaemia-induced autophagy leads to degradation of gap junction protein connexin43 in cardiomyocytes** **T. Martins-Marques, S. Catarino, M. Zuzarte, C. Marques, P. Matafome, P. Pereira and H. Girão** **231–245**  
*Published as BJ Immediate Publication 21 January 2015, doi:10.1042/BJ20141370*
- The cytotoxicity of 3-bromopyruvate in breast cancer cells depends on extracellular pH** **J. Azevedo-Silva, O. Queirós, A. Ribeiro, F. Baltazar, K.H. Young, P.L. Pedersen, A. Preto and M. Casal** **247–258**  
*Published as BJ Immediate Publication 2 February 2015, doi:10.1042/BJ20140921*
- Molecular engineering of cycloisomaltooligosaccharide glucanotransferase from *Bacillus circulans* T-3040: structural determinants for the reaction product size and reactivity** **R. Suzuki, N. Suzuki, Z. Fujimoto, M. Momma, K. Kimura, S. Kitamura, A. Kimura and K. Funane** **259–270**  
*Published as BJ Immediate Publication 4 February 2015, doi:10.1042/BJ20140860*
- Pyruvate dehydrogenase complex and nicotinamide nucleotide transhydrogenase constitute an energy-consuming redox circuit** **K.H. Fisher-Wellman, C.-T. Lin, T.E. Ryan, L.R. Reese, L.A.A. Gilliam, B.L. Cathey, D.S. Lark, C.D. Smith, D.M. Muoio and P.D. Neuffer** **271–280**  
*Published as BJ Immediate Publication 3 February 2015, doi:10.1042/BJ20141447*
- Evolutionarily divergent, Na<sup>+</sup>-regulated H<sup>+</sup>-transporting membrane-bound pyrophosphatases** **H.H. Luoto, E. Nordbo, A.M. Malinen, A.A. Baykov and R. Lahti** **281–291**  
*Published as BJ Immediate Publication 9 February 2015, doi:10.1042/BJ20141434*
- Functional cross-talk between Cdc42 and two downstream targets, Par6B and PAK4** **D. Jin, J. Durgan and A. Hall** **293–302**  
*Published as BJ Immediate Publication 9 February 2015, doi:10.1042/BJ20141352*
- DJ1 represses glycolysis and cell proliferation by transcriptionally up-regulating *pink1*** **R. Requejo-Aguilar, I. Lopez-Fabuel, D. Jimenez-Blasco, E. Fernandez, A. Almeida and J.P. Bolaños** **303–310**  
*Published as BJ Immediate Publication 11 February 2015, doi:10.1042/BJ20141025*

## Contents

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- Retrocyclins neutralize bacterial toxins by potentiating their unfolding  
*Published as BJ Immediate Publication 11 February 2015, doi:10.1042/BJ20150049* E. Kudryashova, S. Seveau, W. Lu and D.S. Kudryashov **311–320**
- Regulated stability of eukaryotic elongation factor 2 kinase requires intrinsic but not ongoing activity  
*Published as BJ Immediate Publication 11 February 2015, doi:10.1042/BJ20150089* X. Wang, J. Xie, S.R. da Mota, C.E. Moore and C.G. Proud **321–331**
- Modulation of spectral properties and pump activity of proteorhodopsins by retinal analogues  
*Published as BJ Immediate Publication 6 February 2015, doi:10.1042/BJ20141210* S. Ganapathy, O. Bécheau, H. Venselaar, S. Frölich, J.B. van der Steen, Q. Chen, S. Radwan, J. Lugtenburg, K.J. Hellingwerf, H.J.M. de Groot and W.J. de Grip **333–343**