

Review Articles

- Physiological and pathophysiological functions of Swiprosin-1/EFhd2 in the nervous system**
Version of Record published 11 August 2016,
doi:10.1042/BCJ20160168 **D. Mielenz and F. Gunn-Moore** **2429–2437**
- Mechanisms of Hsp90 regulation**
Version of Record published 11 August 2016,
doi:10.1042/BCJ20160005 **C. Prodromou** **2439–2452**
- Ubiquitin C-terminal hydrolase L1 (UCH-L1): structure, distribution and roles in brain function and dysfunction**
Version of Record published 11 August 2016,
doi:10.1042/BCJ20160082 **P. Bishop, D. Rocca and J.M. Henley** **2453–2462**

Research Papers

- Proximity-dependent biotin labelling in yeast using the engineered ascorbate peroxidase APEX2
Accepted Manuscript online 7 June 2016,
doi:10.1042/BCJ20160106 **J. Hwang and P.J. Espenshade** **2463–2469**
- Interdomain regulation of the ATPase activity of the ABC transporter haemolysin B from *Escherichia coli*
Accepted Manuscript online 8 June 2016,
doi:10.1042/BCJ20160154 **S. Reimann, G. Poschmann, K. Kanonenberg, K. Stühler, S.H.J. Smits and L. Schmitt** **2471–2483**
- Hypertrophic cardiomyopathy mutations in the calponin-homology domain of ACTN2 affect actin binding and cardiomyocyte Z-disc incorporation
Accepted Manuscript online 9 June 2016,
doi:10.1042/BCJ20160421 **N.J. Haywood, M. Wolny, B. Rogers, C.H. Trinh, Y. Shuping, T.A. Edwards and M. Peckham** **2485–2493**
- Lachesana tarabaevi*, an expert in membrane-active toxins
Accepted Manuscript online 10 June 2016,
doi:10.1042/BCJ20160436 **A.I. Kuzmenkov, M.Y. Sachkova, S.I. Kovalchuk, E.V. Grishin and A.A. Vassilevski** **2495–2506**
- The Ca²⁺/Mn²⁺-transporting SPCA2 pump is regulated by oxygen and cell density in colon cancer cells
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- Function and expression study uncovered hepatocyte plasma membrane ecto-ATP synthase as a novel player in liver regeneration
Accepted Manuscript online 10 June 2016,
doi:10.1042/BCJ20160065 **F. Taurino, C. Giannoccaro, A.M. Sardanelli, A. Cavallo, E. De Luca, S. Santacroce, S. Papa, F. Zanotti and A. Gnoni** **2519–2530**
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Accepted Manuscript online 7 June 2016,
doi:10.1042/BCJ20160388 **K.M. Taylor, I.A. Muraina, D. Brethour, G. Schmitt-Ulms, T. Nimmanon, S. Ziliotto, P. Kille and C. Hogstrand** **2531–2544**