

**Review Articles**

- The intricate regulation and complex functions of the Class III phosphoinositide 3-kinase Vps34** J.M. Backer 2251–2271  
*Version of Record published 28 July 2016, doi:10.1042/BCJ20160170*
- Inhibitory serpins. New insights into their folding, polymerization, regulation and clearance** P.G.W. Gettins and S.T. Olson 2273–2293  
*Version of Record published 28 July 2016, doi:10.1042/BCJ20160014*
- Unravelling the mechanisms regulating muscle mitochondrial biogenesis** D.A. Hood, L.D. Tryon, H.N. Carter, Y. Kim and C.C.W. Chen 2295–2314  
*Version of Record published 28 July 2016, doi:10.1042/BCJ20160009*
- Biosynthesis of polyamines and polyamine-containing molecules** A.J. Michael 2315–2329  
*Version of Record published 28 July 2016, doi:10.1042/BCJ20160185*

**Research Papers**

- E2F and GATA switches turn off WD repeat domain 77 expression in differentiating cells M. Yu, U. Wang and Z. Wang 2331–2343  
*Accepted Manuscript online 7 June 2016, doi:10.1042/BCJ20160130*
- Discovery, characterization and *in vivo* activity of pyocin SD2, a protein antibiotic from *Pseudomonas aeruginosa* L.C. McCaughey, I. Josts, R. Grinter, P. White, O. Byron, N.P. Tucker, J.M. Matthews, C. Kleanthous, C.B. Whitchurch and D. Walker 2345–2358  
*Accepted Manuscript online 1 June 2016, doi:10.1042/BCJ20160470*
- Crystal structures of the ligand-binding region of uPARAP: effect of calcium ion binding C. Yuan, H.J. Jürgensen, L.H. Engelholm, R. Li, M. Liu, L. Jiang, Z. Luo, N. Behrendt and M. Huang 2359–2368  
*Accepted Manuscript online 31 May 2016, doi:10.1042/BCJ20160276*
- Substrate specificity and mapping of residues critical for transport in the high-affinity glutathione transporter Hgt1p M. Zulkifli, S. Yadav, A. Thakur, S. Singla, M. Sharma and A.K. Bachhawat 2369–2382  
*Accepted Manuscript online 1 June 2016, doi:10.1042/BCJ20160231*
- New GroEL-like chaperonin of bacteriophage OBP *Pseudomonas fluorescens* suppresses thermal protein aggregation in an ATP-dependent manner P.I. Semenyuk, V.N. Orlov, O.S. Sokolova and L.P. Kurochkina 2383–2393  
*Accepted Manuscript online 1 June 2016, doi:10.1042/BCJ20160367*
- Releasing the brakes in coagulation Factor IXa by co-operative maturation of the substrate-binding site L.H. Kristensen, O.H. Olsen, G.E. Blouse and H. Brandstetter 2395–2411  
*Accepted Manuscript online 19 May 2016, doi:10.1042/BCJ20160336*
- Development of a high-affinity peptide that prevents phospholemman (PLM) inhibition of the sodium/calcium exchanger 1 (NCX1) P. Wanichawan, K. Hodne, T.L. Hafver, M. Lunde, M. Martinsen, W.E. Louch, O.M. Sejersted and C.R. Carlson 2413–2423  
*Accepted Manuscript online 31 May 2016, doi:10.1042/BCJ20160465*

**Commentary Article**

- Prestin and the good vibrations A.S. Birke and A. Javelle 2425–2427  
*Version of Record published 28 July 2016, doi:10.1042/BCJ20160015*