

**Review Articles**

- Dysregulation of intracellular trafficking and endosomal sorting in Alzheimer's disease: controversies and unanswered questions** W.H. Toh and P.A. Gleeson 1977–1993  
*Version of Record published 12 July 2016, doi:10.1042/BCJ20160147*
- Protein lysine methylation by seven- $\beta$ -strand methyltransferases** P.Ø. Faines, M.E. Jakobsson, E. Davydova, A. Ho and J. Maiecki 1995–2009  
*Version of Record published 12 July 2016, doi:10.1042/BCJ20160117*
- The ADAMTS hyalactanase family: biological insights from diverse species** C.M. Dancevic, D.R. McCulloch and A.C. Ward 2011–2022  
*Version of Record published 12 July 2016, doi:10.1042/BCJ20160148*
- Structure and function of carbonic anhydrases** C.T. Supuran 2023–2032  
*Version of Record published 12 July 2016, doi:10.1042/BCJ20160115*

**Research Papers**

- A polybasic motif in ErbB3-binding protein 1 (EBP1) has key functions in nucleolar localization and polyphosphoinositide interaction T. Karlsson, A. Altankhuyag, O. Dobrovolska, D.C. Turcu and A.E. Lewis 2033–2047  
*Accepted Manuscript online 26 April 2016, doi:10.1042/BCJ20160274*
- FKBPs facilitate the termination of spontaneous Ca<sup>2+</sup> release in wild-type RyR2 but not CPVT mutant RyR2 J.Z. Zhang, H.M. Waddell, E. Wu, J. Dholakia, C.A. Okolo, J.C. McLay and P.P. Jones 2049–2060  
*Accepted Manuscript online 6 May 2016, doi:10.1042/BCJ20160389*
- 8,9-Dehydrohispanolone-15,16-lactol diterpene prevents LPS-triggered inflammatory responses by inhibiting endothelial activation L. Jiménez-García, P.G. Través, R. López-Fontal, S. Herranz, M.A. Higuera, B. de las Heras, S. Hortelano and A. Luque 2061–2071  
*Accepted Manuscript online 6 May 2016, doi:10.1042/BCJ20160343*
- The conserved protein Dre2 uses essential [2Fe–2S] and [4Fe–4S] clusters for its function in cytosolic iron–sulfur protein assembly D.J.A. Netz, H. M. Genau, B.D. Weiler, E. Bill, A.J. Pierik and R. Lill 2073–2085  
*Accepted Manuscript online 10 May 2016, doi:10.1042/BCJ20160416*
- Congenital microcornea-cataract syndrome-causing mutation X253R increases  $\beta$ B1-crystallin hydrophobicity to promote aggregate formation X.-Y. Leng, H.-Y. Li, J. Wang, L.-B. Qi, Y.-B. Xi and Y.-B. Yan 2087–2096  
*Accepted Manuscript online 11 May 2016, doi:10.1042/BCJ20160247*
- An asparagine residue mediates intramolecular communication in nucleotide-regulated pyrophosphatase V.A. Anashkin, A. Salminen, N.N. Vorobjeva, R. Lahti and A.A. Baykov 2097–2107  
*Accepted Manuscript online 17 May 2016, doi:10.1042/BCJ20160293*
- Characterization of a high-affinity sialic acid-specific CBM40 from *Clostridium perfringens* and engineering of a divalent form J.P. Ribeiro, W. Pau, C. Pifferi, O. Renaudet, A. Varrot, L.K. Mahal and A. Imberty 2109–2118  
*Accepted Manuscript online 17 May 2016, doi:10.1042/BCJ20160340*
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