

Review Article

- TSPO: kaleidoscopic 18-kDa amid biochemical pharmacology, control and targeting of mitochondria
J. Gatliff and M. Campanella 107–121
Accepted Manuscript online 21 October 2015,
doi:10.1042/BJ20150899

Commentary

- ESCRT-III on endosomes: new functions, new activation pathway
P. Woodman e5–e8
Version of Record published 5 January 2015,
doi:10.1042/BJ20151115

Research Papers

- Crystal structure of *Mycobacterium tuberculosis* O⁶-methylguanine-DNA methyltransferase protein clusters assembled on to damaged DNA
R. Miggiano, G. Perugino, M. Ciaramella, M. Serpe, D. Rejman, O. Páv, R. Pohl, S. Garavaglia, S. Lahiri, M. Rizzi and F. Rossi 123–133
Accepted Manuscript online 28 October 2015,
doi:10.1042/BJ20150833
- The intrinsically disordered tails of PTEN and PTEN-L have distinct roles in regulating substrate specificity and membrane activity
G.R. Masson, O. Perisic, J.E. Burke and R.L. Williams 135–144
Accepted Manuscript online 2 November 2015,
doi:10.1042/BJ20150931
- Characterization of α -taxilin as a novel factor controlling the release of hepatitis C virus
F. Elgner, C. Donnerhak, H. Ren, R. Medvedev, A. Schreiber, L. Weber, M. Heilmann, D. Ploen, K. Himmelsbach, M. Finkernagel, K. Klingel and E. Hildt 145–155
Accepted Manuscript online 2 November 2015,
doi:10.1042/BJ20150717
- Bacterial and plant HAD enzymes catalyse a missing phosphatase step in thiamin diphosphate biosynthesis
G. Hasnain, S. Roje, N. Sa, R. Zallot, M.J. Ziemak, V. de Crécy-Lagard, J.F. Gregory III and A.D. Hanson 157–166
Accepted Manuscript online 3 November 2015,
doi:10.1042/BJ20150805
- BRICHOS binds to a designed amyloid-forming β -protein and reduces proteasomal inhibition and aggresome formation
L. Dolfe, B. Winblad, J. Johansson and J. Presto 167–178
Accepted Manuscript online 17 November 2015,
doi:10.1042/BJ20150920
- Structural basis for the regulatory role of the PPxY motifs in the thioredoxin-interacting protein TXNIP
Y. Liu, J. Lau, W. Li, W. Tempel, L. Li, A. Dong, A. Narula, S. Qin and J. Min 179–187
Accepted Manuscript online 2 November 2015,
doi:10.1042/BJ20150830
- Differential regulation by AMP and ADP of AMPK complexes containing different γ subunit isoforms
F.A. Ross, T.E. Jensen and D.G. Hardie 189–199
Accepted Manuscript online 5 November 2015,
doi:10.1042/BJ20150910
- TRPC3 amplifies B-cell receptor-induced ERK signalling via protein kinase D-dependent Rap1 activation
T. Numaga-Tomita, M. Nishida, J.W. Putney, Jr and Y. Mori 201–210
Accepted Manuscript online 9 November 2015,
doi:10.1042/BJ20150596
- Plasma-derived and synthetic high-density lipoprotein inhibit tissue factor in endothelial cells and monocytes
A. Ossoli, A.T. Remaley, B. Vaisman, L. Calabresi and M. Gomaschi 211–219
Accepted Manuscript online 10 November 2015,
doi:10.1042/BJ20151000