

Reviews

- The regulation and function of Class III PI3Ks: novel roles for Vps34** J.M. Backer 1–17
Published on the Internet 29 January 2008, doi:10.1042/BJ20071427
- TOR regulation of AGC kinases in yeast and mammals** E. Jacinto and A. Lorberg 19–37
Published on the Internet 29 January 2008, doi:10.1042/BJ20071518

Research Papers

- Heterodimer-based analysis of subunit and domain contributions to double-stranded RNA processing by *Escherichia coli* RNase III *in vitro* W. Meng and A.W. Nicholson 39–48
Published as BJ Immediate Publication 22 October 2007, doi:10.1042/BJ20071047
- Sp1 up-regulates cAMP-response-element-binding protein expression during retinoic acid-induced mucous differentiation of normal human bronchial epithelial cells J.S. Hong, S.-W. Kim and J.S. Koo 49–61
Published as BJ Immediate Publication 16 October 2007, doi:10.1042/BJ20070904
- The dramatically increased chaperone activity of small heat-shock protein IbpB is retained for an extended period of time after the stress condition is removed W. Jiao, W. Hong, P. Li, S. Sun, J. Ma, M. Qian, M. Hu and Z. Chang 63–70
Published as BJ Immediate Publication 12 November 2007, doi:10.1042/BJ20071120
- Crystallographic analysis shows substrate binding at the –3 to +1 active-site subsites and at the surface of glycoside hydrolase family 11 endo-1,4- β -xylanases E. Vandermarliere, T.M. Bourgois, S. Rombouts, S. Van Campenhout, G. Volckaert, S.V. Strelkov, J.A. Delcour, A. Rabijns and C.M. Courtin 71–79
Published as BJ Immediate Publication 6 November 2007, doi:10.1042/BJ20071128
- Endosomes and lysosomes play distinct roles in sulfatide-induced neuroblastoma apoptosis: potential mechanisms contributing to abnormal sulfatide metabolism in related neuronal diseases Y. Zeng, H. Cheng, X. Jiang and X. Han 81–92
Published as BJ Immediate Publication 17 October 2007, doi:10.1042/BJ20070976
- Sec22b-dependent assembly of endoplasmic reticulum Q-SNARE proteins T. Aoki, M. Kojima, K. Tani and M. Tagaya 93–100
Published as BJ Immediate Publication 2 November 2007, doi:10.1042/BJ20071304
- T-cell regulator RNF125/TRAC-1 belongs to a novel family of ubiquitin ligases with zinc fingers and a ubiquitin-binding domain A.L. Giannini, Y. Gao and M.-J. Bijlmakers 101–111
Published as BJ Immediate Publication 9 November 2007, doi:10.1042/BJ20070995
- Structure and mode of action of the antimicrobial peptide arenicin J. Andrä, I. Jakovkin, J. Grötzinger, O. Hecht, A.D. Krasnosdembskaya, T. Goldmann, T. Gutschmann and M. Leippe 113–122
Published as BJ Immediate Publication 15 October 2007, doi:10.1042/BJ20071051

The interaction of liver fatty-acid-binding protein (FABP) with anionic phospholipid vesicles: is there extended phospholipid anchorage under these conditions?	R.M. Hagan, J. Worner-Gibbs and D.C. Wilton	123–129
<i>Published as BJ Immediate Publication 12 October 2007, doi:10.1042/BJ20071109</i>		
The impact of specific oxidized amino acids on protein turnover in J774 cells	R.A. Dunlop, R.T. Dean and K.J. Rodgers	131–140
<i>Published as BJ Immediate Publication 22 October 2007, doi:10.1042/BJ20070161</i>		
Vimentin supports mitochondrial morphology and organization	H.L. Tang, H.L. Lung, K.C. Wu, A.-H. P. Le, H.M. Tang and M.C. Fung	141–146
<i>Published as BJ Immediate Publication 6 November 2007, doi:10.1042/BJ20071072</i>		
Curcumin inhibits FtsZ assembly: an attractive mechanism for its antibacterial activity	D. Rai, J.K. Singh, N. Roy and D. Panda	147–155
<i>Published as BJ Immediate Publication 22 October 2007, doi:10.1042/BJ20070891</i>		
The human fibrinolytic system is a target for the staphylococcal metalloprotease aureolysin	N. Beaufort, P. Wojciechowski, C.P. Sommerhoff, G. Szmyd, G. Dubin, S. Eick, J. Kellermann, M. Schmitt, J. Potempa and V. Magdolen	157–165
<i>Published as BJ Immediate Publication 31 October 2007, doi:10.1042/BJ20070650</i>		
Heregulin β 1 promotes breast cancer cell proliferation through Rac/ERK-dependent induction of cyclin D1 and p21 ^{Cip1}	C. Yang, E.A. Klein, R.K. Assoian and M.G. Kazanietz	167–175
<i>Published as BJ Immediate Publication 18 October 2007, doi:10.1042/BJ20070781</i>		
PMA induces stabilization of oncostatin M mRNA in human lymphoma U937 cells	S. Bandyopadhyay, T.K. Sengupta and E.K. Spicer	177–186
<i>Published as BJ Immediate Publication 9 October 2007, doi:10.1042/BJ20070311</i>		
Biosynthesis of dTDP-3-acetamido-3,6-dideoxy- α -D-glucose	A. Pförtl, S. Zayni, A. Hofinger, P. Kosma, C. Schäffer and P. Messner	187–194
<i>Published as BJ Immediate Publication 18 October 2007, doi:10.1042/BJ20071044</i>		
Activation and stabilization of human tryptophan hydroxylase 2 by phosphorylation and 14-3-3 binding	I. Winge, J.A. McKinney, M. Ying, C.S. D'Santos, R. Kleppe, P.M. Knappskog and J. Haavik	195–204
<i>Published as BJ Immediate Publication 31 October 2007, doi:10.1042/BJ20071033</i>		
Extracellular point mutations in FGFR2 result in elevated ERK1/2 activation and perturbation of neuronal differentiation	A.C. Schüller, Z. Ahmed and J.E. Ladbury	205–211
<i>Published as BJ Immediate Publication 26 November 2007, doi:10.1042/BJ20070859</i>		
IL-6 and IL-8 increase the expression of glycosyltransferases and sulfotransferases involved in the biosynthesis of sialylated and/or sulfated Lewis ^x epitopes in the human bronchial mucosa	S. Groux-Degroote, M.-A. Krzewinski-Recchi, A. Cazet, A. Vincent, S. Lehoux, J.-J. Lafitte, I. Van Seuningen and P. Delannoy	213–223
<i>Published as BJ Immediate Publication 18 October 2007, doi:10.1042/BJ20070958</i>		