

Reviews

Membrane transport in the malaria parasite and its host erythrocyte

*Published on the Internet 10 December 2013,
doi:10.1042/BJ20131007*

The role of the non-canonical Wnt–planar cell polarity pathway in neural crest migration

*Published on the Internet 10 December 2013,
doi:10.1042/BJ20131182*

K. Kirk and A.M. Lehane

1–18

R. Mayor and E. Theveneau

19–26

Accelerated Publications

Nedd4-2 (NEED4L) controls intracellular Na⁺-mediated activity of voltage-gated sodium channels in primary cortical neurons

*Published as BJ Immediate Publication 24 October 2013,
doi:10.1042/BJ20131275*

Multivalent interactions of the SUMO-interaction motifs in RING finger protein 4 determine the specificity for chains of the SUMO

*Published as BJ Immediate Publication 23 October 2013,
doi:10.1042/BJ20130753*

J.A. Ekberg, N.A. Boase, G. Rychkov, J. Manning, P. Poronnik and S. Kumar

27–31



207–214

Research Papers

RipD (Rv1566c) from *Mycobacterium tuberculosis*: adaptation of an NlpC/p60 domain to a non-catalytic peptidoglycan-binding function

*Published as BJ Immediate Publication 10 October 2013,
doi:10.1042/BJ20131227*

A novel DYRK1B inhibitor AZ191 demonstrates that DYRK1B acts independently of GSK3 β to phosphorylate cyclin D1 at Thr²⁸⁶, not Thr²⁸⁸

*Published as BJ Immediate Publication 17 October 2013,
doi:10.1042/BJ20130461*

Functional characterization of the trypanosome translational repressor SCD6

*Published as BJ Immediate Publication 3 October 2013,
doi:10.1042/BJ20130747*

Down-regulation of cyclin G2 by insulin, IGF-I (insulin-like growth factor 1) and X10 (AspB10 insulin): role in mitogenesis

*Published as BJ Immediate Publication 24 September 2013,
doi:10.1042/BJ20130490*

TNF induces the expression of the sialyltransferase ST3Gal IV in human bronchial mucosa via MSK1/2 protein kinases and increases FliD/sialyl-Lewis X -mediated adhesion of *Pseudomonas aeruginosa*

*Published as BJ Immediate Publication 8 October 2013,
doi:10.1042/BJ20130989*

The smoking-associated oxidant hypothiocyanous acid induces endothelial nitric oxide synthase dysfunction

*Published as BJ Immediate Publication 10 October 2013,
doi:10.1042/BJ20131135*

D. Böth, E.M. Steiner, A. Izumi, G. Schneider and R. Schnell

33–41



A.L. Ashford, D. Oxley, J. Kettle, K. Hudson, S. Guichard, S.J. Cook and P.A. Lochhead

43–56



M. Cristodero, B. Schimanski, M. Heller and I. Roditi

57–67



A.M. Svendsen, S.B. Winge, M. Zimmermann, A.B. Lindvig, C.B. Warzecha, W. Sajid, M.C. Horne and P. De Meyts

69–77



F. Colomb, O. Vidal, M. Bobowski, M.-A. Krzewinski-Rechchi, A. Harduin-Lepers, E. Mensier, S. Jaillard, J.-J. Lafitte, P. Delannoy and S. Groux-Degroote

79–87

J. Talib, J. Kwan, A. Suryo Rahmanto, P.K. Witting and M.J. Davies

89–97

Contents

PCSK9 acts as a chaperone for the LDL receptor in the endoplasmic reticulum <i>Published as BJ Immediate Publication 22 October 2013, doi:10.1042/BJ20130930</i>	T.B. Strøm, K. Tveten and T.P. Leren	 online data	99–105
Ligand binding and complex formation of galectin-3 is modulated by pH variations <i>Published as BJ Immediate Publication 22 October 2013, doi:10.1042/BJ20130933</i>	T. von Mach, M.C. Carlsson, T. Straube, U. Nilsson, H. Leffler and R. Jacob	 online data	107–115
Redox regulation of chloroplastic G6PDH activity by thioredoxin occurs through structural changes modifying substrate accessibility and cofactor binding <i>Published as BJ Immediate Publication 1 October 2013, doi:10.1042/BJ20130337</i>	G. Née, M. Aumont-Nicaise, M. Zaffagnini, S. Nessler, M. Valerio-Lepiniec and E. Issakidis-Bourguet	 online data	117–125
The calmodulin-like protein CML43 functions as a salicylic-acid-inducible root-specific Ca^{2+} sensor in <i>Arabidopsis</i> <i>Published as BJ Immediate Publication 9 October 2013, doi:10.1042/BJ20131080</i>	K.W. Bender, S. Dobney, A. Ogunrinde, D. Chiasson, R.T. Mullen, H.J. Teresinski, P. Singh, K. Munro, S.P. Smith and W.A. Snedden	 online data	127–136
Extended interaction network of procollagen C-proteinase enhancer-1 in the extracellular matrix <i>Published as BJ Immediate Publication 14 October 2013, doi:10.1042/BJ20130295</i>	R. Salza, F. Peysselon, E. Chautard, C. Faye, L. Moschcovich, T. Weiss, L. Perrin-Cocon, V. Lotteau, E. Kessler and S. Ricard-Blum	 online data	137–149
The <i>miR-19a/b</i> family positively regulates cardiomyocyte hypertrophy by targeting atrogin-1 and MuRF-1 <i>Published as BJ Immediate Publication 14 October 2013, doi:10.1042/BJ20130833</i>	D.W. Song, J.Y. Ryu, J.O. Kim, E.J. Kwon and D.H. Kim	 online data	151–162
Characterization of the magnesium chelatase from <i>Thermosynechococcus elongatus</i> <i>Published as BJ Immediate Publication 21 October 2013, doi:10.1042/BJ20130834</i>	N.B.P. Adams, C.J. Marklew, A.A. Brindley, C.N. Hunter and J.D. Reid		163–170
The regulatory mechanism of a client kinase controlling its own release from Hsp90 chaperone machinery through phosphorylation <i>Published as BJ Immediate Publication 14 October 2013, doi:10.1042/BJ20130963</i>	X.-a. Lu, X. Wang, W. Zhuo, L. Jia, Y. Jiang, Y. Fu and Y. Luo	 online data	171–183
pVHL acts as a downstream target of E2F1 to suppress E2F1 activity <i>Published as BJ Immediate Publication 11 October 2013, doi:10.1042/BJ20130793</i>	W. Ji, J. Wang, W. Zhang, X. Liu, G. Ouyang and W. Xiao		185–195
Kinetic characterization of high-activity mutants of human butyrylcholinesterase for the cocaine metabolite norcocaine <i>Published as BJ Immediate Publication 15 October 2013, doi:10.1042/BJ20131100</i>	M. Zhan, S. Hou, C.-G. Zhan and F. Zheng		197–206
Characterization of WZ4003 and HTH-01-015 as selective inhibitors of the LKB1-tumour-suppressor-activated NUAK kinases <i>Published as BJ Immediate Publication 30 October 2013, doi:10.1042/BJ20131152</i>	S. Banerjee, S.J. Buhrlage, H.-T. Huang, X. Deng, W. Zhou, J. Wang, R. Traynor, A.R. Prescott, D.R. Alessi and N.S. Gray	  multimedia online data	215–225
Retraction			
IRAK1-independent pathways required for the interleukin-1-stimulated activation of the Tpl2 catalytic subunit and its dissociation from ABIN2	H. Handoyo, M.J. Stafford, E. McManus, D. Baltzis, M. Peggie and P. Cohen		227
Correction			
Endoplasmic reticulum-associated ubiquitin-conjugating enzyme Ube2j1 is a novel substrate of MK2 (MAPKAP kinase-2) involved in MK2-mediated TNF α production	M.B. Menon, C. Tiedje, J. Laferra, N. Ronkina, T. Konen, A. Kotlyarov and M. Gaestel		229