

Review**Neuropilins: structure, function and role in disease**

Published on the Internet 27 March 2008,
doi:10.1042/BJ20071639

C. Pellet-Many, P. Frankel, H. Jia and I. Zachary



211–226

Online Commentaries

Transcription factors that behave as master regulators during mammalian embryogenesis function as molecular rheostats

Published on the Internet 27 March 2008,
doi:10.1042/BJ20080479
(see accompanying paper, pp. 227–231)

A. Rizzino

e5–e7

Regulation of the AMPK-related protein kinases by ubiquitination

Published on the Internet 27 March 2008,
doi:10.1042/BJ20080459
(see accompanying paper, pp. 249–260)

D.M. Thomson, M.D.H. Hansen and W.W. Winder

e9–e10

Where in the cell is SIRT3? – functional localization of an NAD⁺-dependent protein deacetylase

Published on the Internet 27 March 2008,
doi:10.1042/BJ20080336
(see accompanying paper, pp. 279–285)

W.C. Hallows, B.N. Albaugh and J.M. Denu

e11–e13

New insights into PKC family affairs: three novel phosphorylation sites in PKC ϵ and at least one is regulated by PKC α

Published on the Internet 27 March 2008,
doi:10.1042/BJ20080373
(see accompanying, paper pp. 319–331)

C. Larsson

e15–e16

Accelerated Publication

The pluripotency rheostat Nanog functions as a dimer

Published as BJ Immediate Publication 19 February 2008,
doi:10.1042/BJ20080134

N.P. Mullin, A. Yates, A.J. Rowe, B. Nijmeijer,
D. Colby, P.N. Barlow, M.D. Walkinshaw
and I. Chambers



227–231

Research Papers

A dominant-negative ESCRT-III protein perturbs cytokinesis and trafficking to lysosomes

Published as BJ Immediate Publication 12 December 2007,
doi:10.1042/BJ20071296

J.D. Dukes, J.D. Richardson, R. Simmons and P. Whitley

233–239

Structural and functional consequences of the replacement of proximal residues Cys¹⁷² and Cys¹⁹² in the large subunit of ribulose-1,5-bisphosphate carboxylase/oxygenase from

Chlamydomonas reinhardtii

Published as BJ Immediate Publication 12 December 2007,
doi:10.1042/BJ20071422

M.-J. García-Murria, S. Karkehabadi, J. Marín Navarro,
S. Satagopan, I. Andersson, R.J. Spreitzer and J. Moreno



241–247

Control of AMPK-related kinases by USP9X and atypical Lys²⁹/Lys³³-linked polyubiquitin chains

Published as BJ Immediate Publication 6 February 2008,
doi:10.1042/BJ20080067

A.K. Al-Hakim, A. Zagorska, L. Chapman, M. Deak,
M. Peggie and D.R. Alessi



249–260

Identification and function of phosphorylation in the glucose-regulated transcription factor ChREBP <i>Published as BJ Immediate Publication 9 January 2008, doi:10.1042/BJ20071156</i>	N.G. Tsatsos, M.N. Davies, B.L. O'Callaghan and H.C. Towle		261–270
Lactoferrin receptor mediates apo- but not holo-lactoferrin internalization via clathrin-mediated endocytosis in trophoblasts <i>Published as BJ Immediate Publication 2 January 2008, doi:10.1042/BJ20070393</i>	V. Lopez, S.L. Kelleher and B. Lönnnerdal		271–278
The human SIRT3 protein deacetylase is exclusively mitochondrial <i>Published as BJ Immediate Publication 23 January 2008, doi:10.1042/BJ20071624</i>	H.M. Cooper and J.N. Spelbrink	 	279–285
A comprehensive model of purine uptake by the malaria parasite <i>Plasmodium falciparum</i> : identification of four purine transport activities in intraerythrocytic parasites <i>Published as BJ Immediate Publication 11 January 2008, doi:10.1042/BJ20071460</i>	N.B. Quashie, D. Dorin-Semlat, P.G. Bray, G.A. Biagini, C. Doerig, L.C. Ranford-Cartwright and H.P. de Koning		287–295
Accumulation of 15-deoxy- $\Delta^{12,14}$ -prostaglandin J ₂ adduct formation with Keap1 over time: effects on potency for intracellular antioxidant defence induction <i>Published as BJ Immediate Publication 30 January 2008, doi:10.1042/BJ20071189</i>	J.Y. Oh, N. Giles, A. Landar and V. Darley-Usmar		297–306
Structural basis for mannose recognition by a lectin from opportunistic bacteria <i>Burkholderia cenocepacia</i> <i>Published as BJ Immediate Publication 16 January 2008, doi:10.1042/BJ20071276</i>	E. Lameignere, L. Malinová, M. Sláviková, E. Duchaud, E.P. Mitchell, A. Varrot, O. Šedo, A. Imberty and M. Wimmerová		307–318
The identification and characterization of novel PKC ϵ phosphorylation sites provide evidence for functional cross-talk within the PKC superfamily <i>Published as BJ Immediate Publication 31 January 2008, doi:10.1042/BJ20071348</i>	J. Durgan, A.J. Cameron, A.T. Saurin, S. Hanrahan, N. Totty, R.O. Messing and P.J. Parker		319–331
Selective binding of phorbol esters and diacylglycerol by individual C1 domains of the PKD family <i>Published as BJ Immediate Publication 13 December 2007, doi:10.1042/BJ20071334</i>	J. Chen, F. Deng, J. Li and Q.J. Wang		333–342
SRP-27 is a novel component of the supramolecular signalling complex involved in skeletal muscle excitation–contraction coupling <i>Published as BJ Immediate Publication 26 November 2007, doi:10.1042/BJ20070906</i>	C. Bleunven, S. Treves, X. Jinyu, E. Leo, M. Ronjat, M. de Waard, G. Kern, B.E. Flucher and F. Zorzato		343–349
Crystal structure and kinetic study of dihydridipicolinate synthase from <i>Mycobacterium tuberculosis</i> <i>Published as BJ Immediate Publication 7 December 2007, doi:10.1042/BJ20071360</i>	G. Kefala, G.L. Evans, M.D.W. Griffin, S.R.A. Devenish, F.G. Pearce, M.A. Perugini, J.A. Gerrard, M.S. Weiss and R.C.J. Dobson		351–360
Human PDE4A8, a novel brain-expressed PDE4 cAMP-specific phosphodiesterase that has undergone rapid evolutionary change <i>Published as BJ Immediate Publication 21 December 2007, doi:10.1042/BJ20071251</i>	K.F. Mackenzie, E.C. Topping, B. Bugaj-Gaweda, C. Deng, Y.-F. Cheung, A.E. Olsen, C.R. Stockard, L. High Mitchell, G.S. Baillie, W.E. Grizzle, M. De Vivo, M.D. Houslay, D. Wang and G.B. Bolger		361–369
Lipid phosphate phosphatases form homo- and hetero-oligomers: catalytic competency, subcellular distribution and function <i>Published as BJ Immediate Publication 8 January 2008, doi:10.1042/BJ20071607</i>	J.S. Long, N.J. Pyne and S. Pyne		371–377
Involvement of Egr-1 in HGF-induced elevation of the human 5 α -R1 gene in human hepatocellular carcinoma cells <i>Published as BJ Immediate Publication 14 January 2008, doi:10.1042/BJ20071343</i>	C. Rui, C. Li, W. Xu, Y. Zhan, Y. Li and X. Yang		379–386

- The two PAN ATPases from *Halobacterium* display N-terminal heterogeneity and form labile complexes with the 20S proteasome
Published as BJ Immediate Publication 17 January 2008, doi:10.1042/BJ20071502
- TRPC3-interacting triadic proteins in skeletal muscle
Published as BJ Immediate Publication 15 January 2008, doi:10.1042/BJ20071504
- N-terminus-mediated dimerization of ROCK-I is required for RhoE binding and actin reorganization
Published as BJ Immediate Publication 23 January 2008, doi:10.1042/BJ20071342
- Interaction of the Lys³⁶¹⁴-Asn³⁶⁴³ calmodulin-binding domain with the Cys⁴¹¹⁴-Asn⁴¹⁴² region of the type 1 ryanodine receptor is involved in the mechanism of Ca²⁺/agonist-induced channel activation
Published as BJ Immediate Publication 2 January 2008, doi:10.1042/BJ20071375
- Lamellipodin proline rich peptides associated with native plasma butyrylcholinesterase tetramers
Published as BJ Immediate Publication 12 December 2007, doi:10.1042/BJ20071551
- The isolated N-terminal domains of TIMP-1 and TIMP-3 are insufficient for ADAM10 inhibition
Published as BJ Immediate Publication 10 January 2008, doi:10.1042/BJ20071430
- Quantification of PtdIns(3,4,5)P₃ dynamics in EGF-stimulated carcinoma cells: a comparison of PH-domain-mediated methods with immunological methods
Published as BJ Immediate Publication 3 January 2008, doi:10.1042/BJ20071179
- Two interaction sites on mammalian adenylyl cyclase type I and II: modulation by calmodulin and G_{βγ}
Published as BJ Immediate Publication 14 January 2008, doi:10.1042/BJ20071204
- Redox regulation of methylthioadenosine phosphorylase in liver cells: molecular mechanism and functional implications
Published as BJ Immediate Publication 31 January 2008, doi:10.1042/BJ20071569
- H. Chamieh, D. Guetta and B. Franzetti **387–397**
- J.S. Woo, D.H. Kim, P.D. Allen and E.H. Lee **399–405**

- R. Garg, K. Riento, N. Keep, J.D.H. Morris and A.J. Ridley **407–414**
- J.P. Gangopadhyay and N. Ikemoto **415–423**
- H. Li, L.M. Schopfer, P. Masson and O. Lockridge **425–432**

- M. Rapti, S.J. Atkinson, M.-H. Lee, A. Trim, M. Moss and G. Murphy **433–439**
- S.-C. Yip, R.J. Eddy, A.M. Branch, H. Pang, H. Wu, Y. Yan, B.E. Drees, P.O. Neilsen, J. Condeelis and J.M. Backer **441–448**
- S. Diel, M. Beyermann, J.M.N. Lloréns, B. Wittig and C. Kleuss **449–456**
- J. Fernández-Irigoyen, M. Santamaría, V. Sánchez-Quiles, M.U. Latasa, E. Santamaría, J. Muñoz, M.M. Sánchez Del Pino, M.L. Valero, J. Prieto, M.A. Ávila and F.J. Corrales **457–465**
