

Review**Function and regulation of phospholipid signalling in plants**

Published on the Internet 26 June 2009,
doi:10.1042/BJ20090300

H.-W. Xue, X. Chen and Y. Mei**145–156****Online Commentary**Pancreatic stellate cells can form new β -like cells

Published on the Internet 26 June 2009,
doi:10.1042/BJ20090779
(see accompanying paper, pp. 181–191)

K. Docherty**e1–e4****Accelerated Publication**

FAM20B is a kinase that phosphorylates xylose in the glycosaminoglycan–protein linkage region

Published as BJ Immediate Publication 28 May 2009,
doi:10.1042/BJ20090474

T. Koike, T. Izumikawa, J.-I. Tamura and H. Kitagawa**157–162****Research Papers**AMPK α 1 regulates the antioxidant status of vascular endothelial cells

Published as BJ Immediate Publication 14 May 2009,
doi:10.1042/BJ20090613

S.L. Colombo and S. Moncada**163–169**

A cotton kinesin GhKCH2 interacts with both microtubules and microfilaments

Published as BJ Immediate Publication 6 May 2009,
doi:10.1042/BJ20082020

T. Xu, Z. Qu, X. Yang, X. Qin, J. Xiong, Y. Wang, D. Ren and G. Liu**171–180**

Identification of a pancreatic stellate cell population with properties of progenitor cells: new role for stellate cells in the pancreas

Published as BJ Immediate Publication 20 April 2009,
doi:10.1042/BJ20081466

E. Mato, M. Lucas, J. Petriz, R. Gomis and A. Novials**181–191**

Hsp70 is required for optimal cell proliferation in mouse A6 mesoangioblast stem cells

Published as BJ Immediate Publication 1 May 2009,
doi:10.1042/BJ20082309

G. Turturici, F. Geraci, M.E. Candela, G. Cossu, G. Giudice and G. Sconzo**193–200**NAD(P)H oxidase-mediated reactive oxygen species production alters astrocyte membrane molecular order via phospholipase A₂

Published as BJ Immediate Publication 24 April 2009,
doi:10.1042/BJ20090356

D. Zhu, C. Hu, W. Sheng, K.S. Tan, M.A. Haidekker, A.Y. Sun, G.Y. Sun and J.C.-M. Lee**201–210**

The carbohydrate-binding domain on galectin-1 is more extensive for a complex glycan than for simple saccharides: implications for galectin–glycan interactions at the cell surface

Published as BJ Immediate Publication 12 May 2009,
doi:10.1042/BJ20090265

M.C. Miller, I.V. Nesmelova, D. Platt, A. Klyosov and K. H. Mayo**211–221**

Characterization of SENP7, a SUMO-2/3-specific isopeptidase

Published as BJ Immediate Publication 24 April 2009,
doi:10.1042/BJ20090246

L.N. Shen, M.-C. Geoffroy, E.G. Jaffray and R.T. Hay**223–230**

Functional characterization of LePGT1, a membrane-bound prenyltransferase involved in the geranylation of <i>p</i> -hydroxybenzoic acid <i>Published as BJ Immediate Publication</i> 24 April 2009, doi:10.1042/BJ20081968	K. Ohara, A. Muroya, N. Fukushima and K. Yazaki	 231–241
NEMO oligomerization and its ubiquitin-binding properties <i>Published as BJ Immediate Publication</i> 7 May 2009, doi:10.1042/BJ20090427	F.J. Ivins, M.G. Montgomery, S.J.M. Smith, A.C. Morris-Davies, I.A. Taylor and K. Rittinger	243–251
Kinetic analysis of human protein arginine N-methyltransferase 2: formation of monomethyl- and asymmetric dimethyl-arginine residues on histone H4 <i>Published as BJ Immediate Publication</i> 30 April 2009, doi:10.1042/BJ20090268	T.M. Lakowski and A. Frankel	 253–261
<i>Pseudomonas aeruginosa</i> MurE amide ligase: enzyme kinetics and peptide inhibitor <i>Published as BJ Immediate Publication</i> 28 April 2009, doi:10.1042/BJ20081395	C. Paradis-Bleau, A. Lloyd, F. Sanschagrin, H. Maaroufi, T. Clarke, A. Blewett, C. Dowson, D.I. Roper, T.D.H. Bugg and R.C. Levesque	263–272
Receptor-associated protein (RAP) has two high-affinity binding sites for the low-density lipoprotein receptor-related protein (LRP): consequences for the chaperone functions of RAP <i>Published as BJ Immediate Publication</i> 27 April 2009, doi:10.1042/BJ20090175	J.K. Jensen, K. Dolmer, C. Schar and P.G.W. Gettins	 273–282
The RhoU/Wrch1 Rho GTPase gene is a common transcriptional target of both the gp130/STAT3 and Wnt-1 pathways <i>Published as BJ Immediate Publication</i> 28 April 2009, doi:10.1042/BJ20090061	D. Schiavone, S. Dewilde, F. Vallania, J. Turkson, F. Di Cunto and V. Poli	 283–292
Dynamic aspects of ascorbic acid metabolism in the circulation: analysis by ascorbate oxidase with a prolonged <i>in vivo</i> half-life <i>Published as BJ Immediate Publication</i> 23 April 2009, doi:10.1042/BJ20090286	E. Kasahara, M. Kashiba, M. Jikumaru, D. Kuratsune, K. Orita, Y. Yamate, K. Hara, A. Sekiyama, E.F. Sato and M. Inoue	293–299
Nuclear factor κ B (NF- κ B) activation primes cells to a pro-inflammatory polarized response to a Toll-like receptor 7 (TLR7) agonist <i>Published as BJ Immediate Publication</i> 8 May 2009, doi:10.1042/BJ20090013	J. Lee, M. Hayashi, J.-F. Lo, C. Fearns, W.-M. Chu, Y. Luo, R. Xiang and T.-H. Chuang	 301–310
Thioesterase superfamily member 2 (Them2)/acyl-CoA thioesterase 13 (Acot13): a homotetrameric hotdog fold thioesterase with selectivity for long-chain fatty acyl-CoAs <i>Published as BJ Immediate Publication</i> 30 April 2009, doi:10.1042/BJ20090039	J. Wei, H.W. Kang and D.E. Cohen	311–322