

Reviews

The second green revolution? Production of plant-based biodegradable plastics

Published on the Internet 11 February 2009,
doi:10.1042/BJ20081769

B.P. Mooney

219–232

Phosphatidylinositol metabolism and membrane fusion

Published on the Internet 11 February 2009,
doi:10.1042/BJ20082105

D. Poccia and B. Larijani



233–246

Out, in and back again: PtdIns(4,5)P₂ regulates cadherin trafficking in epithelial morphogenesis

Published on the Internet 11 February 2009,
doi:10.1042/BJ20081844

N.J. Schill and R.A. Anderson



247–260

AMPK and the biochemistry of exercise: implications for human health and disease

Published on the Internet 11 February 2009,
doi:10.1042/BJ20082055

E.A. Richter and N.B. Ruderman



261–275

Research Papers

The CHMP4b- and Src-docking sites in the Bro1 domain are autoinhibited in the native state of Alix

Published as BJ Immediate Publication 19 November 2008,
doi:10.1042/BJ20081388

X. Zhou, S. Pan, L. Sun, J. Corvera, Y.-C. Lee, S.-H. Lin
and J. Kuang



277–284

Active site substitutions delineate distinct classes of eubacterial flap endonuclease

Published as BJ Immediate Publication 11 November 2008,
doi:10.1042/BJ20081637

L.M. Allen, M.R.G. Hodskinson and J.R. Sayers



285–292

The Nrf1 CNC/bZIP protein is a nuclear envelope-bound transcription factor that is activated by t-butyl hydroquinone but not by endoplasmic reticulum stressors

Published as BJ Immediate Publication 6 November 2008,
doi:10.1042/BJ20081575

Y. Zhang, J.M. Lucocq and J.D. Hayes



293–310

Real-time analysis of amyloid fibril formation of α -synuclein using a fibrillation-state-specific fluorescent probe of JC-1

Published as BJ Immediate Publication 14 November 2008,
doi:10.1042/BJ20081572

J.-H. Lee, I.-H. Lee, Y.-J. Choe, S. Kang, H.Y. Kim,
W.-P. Gai, J.-S. Hahn and S.R. Paik

311–323

Apolipoprotein(a) stimulates vascular endothelial cell growth and migration and signals through integrin $\alpha V\beta 3$

Published as BJ Immediate Publication 26 September 2008,
doi:10.1042/BJ20080744

L. Liu, A.W. Craig, H.D. Meldrum, S.M. Marcovina,
B.E. Elliott and M.L. Koschinsky

325–336

Solution structure and catalytic mechanism of human protein histidine phosphatase 1

Published as BJ Immediate Publication 7 November 2008,
doi:10.1042/BJ20081571

W. Gong, Y. Li, G. Cui, J. Hu, H. Fang, C. Jin and B. Xia



337–344

An essential role for the Glut1 PDZ-binding motif in growth factor regulation of Glut1 degradation and trafficking

Published as BJ Immediate Publication 19 November 2008,
doi:10.1042/BJ20081422

H.L. Wieman, S.R. Horn, S.R. Jacobs, B.J. Altman,
S. Kornbluth and J.C. Rathmell

345–357

Oxidized and poorly glycosylated band 3 is selectively phosphorylated by Syk kinase to form large membrane clusters in normal and G6PD-deficient red blood cells <i>Published as BJ Immediate Publication 22 October 2008, doi:10.1042/BJ20081557</i>	A. Pantaleo, E. Ferru, G. Giribaldi, F. Mannu, F. Carta, A. Matte, L. De Franceschi and F. Turrini	359–367
Temperature stability of proteins essential for the intracellular survival of <i>Mycobacterium tuberculosis</i> <i>Published as BJ Immediate Publication 18 November 2008, doi:10.1042/BJ20082011</i>	N.A. Lack, A. Kawamura, E. Fullam, N. Laurieri, S. Beard, A.J. Russell, D. Evangelopoulos, I. Westwood and E. Sim	369–378
Structural basis and specificity of human otubain 1-mediated deubiquitination <i>Published as BJ Immediate Publication 27 October 2008, doi:10.1042/BJ20081318</i>	M.J. Edelmann, A. Iphöfer, M. Akutsu, M. Altun, K. di Gleria, H.B. Kramer, E. Fiebiger, S. Dhe-Paganon and B.M. Kessler	379–390
The dual-specificity phosphatase hYVH1 interacts with Hsp70 and prevents heat-shock-induced cell death <i>Published as BJ Immediate Publication 30 October 2008, doi:10.1042/BJ20081484</i>	P.R. Sharda, C.A. Bonham, E.J. Mucaki, Z. Butt and P.O. Vacratsis	391–401
Biochemical characterization and mutational analysis of the mononuclear non-haem Fe ²⁺ site in Dke1, a cupin-type dioxygenase from <i>Acinetobacter johnsonii</i> <i>Published as BJ Immediate Publication 30 October 2008, doi:10.1042/BJ20081161</i>	S. Leitgeb, G.D. Straganz and B. Nidetzky	403–411
Development of a novel GLUT4 translocation assay for identifying potential novel therapeutic targets for insulin sensitization <i>Published as BJ Immediate Publication 27 November 2008, doi:10.1042/BJ20082051</i>	F. Liu, Q. Dallas-Yang, G. Castriota, P. Fischer, F. Santini, M. Ferrer, J. Li, T.E. Akiyama, J.P. Berger, B.B. Zhang and G. Jiang	413–420
Purification and characterization of human phosphatidylserine synthases 1 and 2 <i>Published as BJ Immediate Publication 18 November 2008, doi:10.1042/BJ20081597</i>	S. Tomohiro, A. Kawaguti, Y. Kawabe, S. Kitada and O. Kuge	421–429
Characterization of the phenylurea hydrolases A and B: founding members of a novel amidohydrolase subgroup <i>Published as BJ Immediate Publication 11 November 2008, doi:10.1042/BJ20081488</i>	J.L. Khurana, C.J. Jackson, C. Scott, G. Pandey, I. Horne, R.J. Russell, A. Herlt, C.J. Easton and J.G. Oakeshott	431–441
Intracellular catalase/peroxidase from the phytopathogenic rice blast fungus <i>Magnaporthe grisea</i> : expression analysis and biochemical characterization of the recombinant protein <i>Published as BJ Immediate Publication 10 November 2008, doi:10.1042/BJ20081478</i>	M. Zamocky, P.G. Furtmüller, M. Bellei, G. Battistuzzi, J. Stadlmann, J. Vlasits and C. Obinger	443–451
The <i>Drosophila</i> nuclear factor DREF positively regulates the expression of the mitochondrial transcription termination factor DmTTF <i>Published as BJ Immediate Publication 25 November 2008, doi:10.1042/BJ20081174</i>	M.Á. Fernández-Moreno, F. Bruni, C. Adán, R. Hernández Sierra, P. Loguercio Polosa, P. Cantatore, R. Garesse and M. Roberti	453–462
p/CAF modulates the activity of the transcription factor p48/Ptf1a involved in pancreatic acinar differentiation <i>Published as BJ Immediate Publication 6 October 2008, doi:10.1042/BJ20080293</i>	A. Rodolosse, M.-L. Campos, I. Rooman, M. Lichtenstein and F.X. Real	463–473