

Review**Advances in siRNA delivery to T-cells: potential clinical applications for inflammatory disease, cancer and infection**

Published on the Internet 27 September 2013,
doi:10.1042/BJ20130950

M. Freeley and A. Long

133–147

Online Commentary**PIKfyve: a new fish in the growing pool of AMPK substrates**

Published on the Internet 27 September 2013,
doi:10.1042/BJ20131138
(see accompanying paper, pp. 195–206)

J.S.V. Lally and G.R. Steinberg

e1–e3

Accelerated Publication**Completing the folate biosynthesis pathway in *Plasmodium falciparum*: p-aminobenzoate is produced by a highly divergent promiscuous aminodeoxychorismate lyase**

Published as BJ Immediate Publication 19 August 2013,
doi:10.1042/BJ20130896

G. Magnani, M. Lomazzi and A. Peracchi



149–155

Research Papers**Mitochondrial genetic background modulates bioenergetics and susceptibility to acute cardiac volume overload**

Published as BJ Immediate Publication 8 August 2013,
doi:10.1042/BJ20130029

J.L. Fetterman, B.R. Zelickson, L.W. Johnson,
D.R. Moellering, D.G. Westbrook, M. Pompilius,
M.J. Sammy, M. Johnson, K.J. Dunham-Snary, X. Cao,
W.E. Bradley, J. Zhang, C.-C. Wei, B. Chacko, T.G. Schurr,
R.A. Kesterson, L.J. Dell'Italia, V.M. Darley-Usmar,
D.R. Welch and S.W. Ballinger



157–167

Establishment of a human skeletal muscle-derived cell line: biochemical, cellular and electrophysiological characterization

Published as BJ Immediate Publication 1 August 2013,
doi:10.1042/BJ20130698

O. Rokach, N.D. Ullrich, M. Rausch, V. Mouly, H. Zhou,
F. Muntoni, F. Zorzato and S. Treves

169–177

Transient kinetic analyses of the ribonuclease H cleavage activity of HIV-1 reverse transcriptase in complex with efavirenz and/or a β -thujaplicinol analogue

Published as BJ Immediate Publication 9 August 2013,
doi:10.1042/BJ20130850

B.D. Herman and N. Sluis-Cremer

179–184

The reduction in sigma-promoter recognition flexibility as induced by core RNAP is required for sigma to discern the optimal promoter spacing

Published as BJ Immediate Publication 22 July 2013,
doi:10.1042/BJ20130576

H.-Y. Yeh, H.-T. Hsu, T.-C. Chen, K.-M. Chung, K.-M. Liou
and B.-Y. Chang



185–193

Phosphatidylinositol 3-phosphate 5-kinase (PIKfyve) is an AMPK target participating in contraction-stimulated glucose uptake in skeletal muscle

Published as BJ Immediate Publication 1 August 2013,
doi:10.1042/BJ20130644

Y. Liu, Y.-C. Lai, E.V. Hill, D. Tyteca, S. Carpentier,
A. Ingvaldsen, D. Vertommen, L. Lantier, M. Foretz,
F. Dequiedt, P.J. Courtoy, C. Erneux, B. Viollet,
P.R. Shepherd, J.M. Tavaré, J. Jensen
and M.H. Rider



195–206

Contents

TRAF6-mediated ubiquitination of APPL1 enhances hepatic actions of insulin by promoting the membrane translocation of Akt

*Published as BJ Immediate Publication 5 August 2013,
doi:10.1042/BJ20130760*

Nogo-A couples with Apg-1 through interaction and co-ordinate expression under hypoxic and oxidative stress

*Published as BJ Immediate Publication 2 August 2013,
doi:10.1042/BJ20130579*

A mechanism for epithelial–mesenchymal transition and anoikis resistance in breast cancer triggered by zinc channel ZIP6 and STAT3 (signal transducer and activator of transcription 3)

*Published as BJ Immediate Publication 7 August 2013,
doi:10.1042/BJ20130483*

Characterization of inflamin, the first member of a new family of snake venom proteins that induces inflammation

*Published as BJ Immediate Publication 8 July 2013,
doi:10.1042/BJ20130599*

Protein kinase D-mediated phosphorylation at Ser⁹⁹ regulates localization of p21-activated kinase 4

*Published as BJ Immediate Publication 10 July 2013,
doi:10.1042/BJ20130281*

K.K.Y. Cheng, K.S.L. Lam, Y. Wang, D. Wu, M. Zhang, B. Wang, X. Li, R.L.C. Hoo, Z. Huang, G. Sweeney and A. Xu

F. Kern, R.I. Stanika, B. Sarg, M. Offterdinger, D. Hess, G.J. Obermair, H. Lindner, C.E. Bandtlow, L. Hengst and R. Schweigreiter

C. Hogstrand, P. Kille, M.L. Ackland, S. Hiscox and K.M. Taylor

B. Barnwal and R.M. Kini

L.I. Bastea, H. Döppler, S.E. Pearce, N. Durand, S.J. Spratley and P. Storz



207–216



217–227



229–237



239–250



251–260