

Review

Chemical tools to probe cellular O-GlcNAc signalling

Published on the Internet 24 October 2013,

doi:10.1042/BJ201301081

Research Papers

Analysis of *Arabidopsis* thioredoxin-h isotypes identifies discrete domains that confer specific structural and functional properties

Published as BJ Immediate Publication 5 September 2013,
doi:10.1042/BJ20130618

The synaptotagmin 1 linker may function as an electrostatic zipper that opens for docking but closes for fusion pore opening

Published as BJ Immediate Publication 4 September 2013,
doi:10.1042/BJ20130949

Synthetic retinoid Am80 up-regulates apelin expression by promoting interaction of RAR α with KLF5 and Sp1 in vascular smooth muscle cells

Published as BJ Immediate Publication 30 August 2013,
doi:10.1042/BJ20130418

Assessment of the contribution of NAD(P)H-dependent quinone oxidoreductase 1 (NQO1) to the reduction of vitamin K in wild-type and NQO1-deficient mice

Published as BJ Immediate Publication 9 September 2013,
doi:10.1042/BJ20130639

Regulation of the transcriptional activation of the androgen receptor by the UXT-binding protein VHL

Published as BJ Immediate Publication 21 August 2013,

doi:10.1042/BJ20121711

The air–water interface determines the outcome of seeding during amyloidogenesis

Published as BJ Immediate Publication 10 September 2013,
doi:10.1042/BJ20130605

On the catalytic mechanism of dimeric dUTPases

Published as BJ Immediate Publication 4 September 2013,

doi:10.1042/BJ20130796

Histone deacetylase SIRT1 modulates and deacetylates DNA base excision repair enzyme thymine DNA glycosylase

Published as BJ Immediate Publication 16 August 2013,

doi:10.1042/BJ20130670

Ribonucleases as a host-defence family: evidence of evolutionarily conserved antimicrobial activity at the N-terminus

Published as BJ Immediate Publication 20 August 2013,

doi:10.1042/BJ20130123

PKC δ as a regulator for TGF- β -stimulated connective tissue growth factor production in human hepatocarcinoma (HepG2) cells

Published as BJ Immediate Publication 29 August 2013,

doi:10.1042/BJ20130744

A. Ostrowski and D.M.F. van Aalten

1–12

Y.J. Jung, Y.H. Chi, H.B. Chae, M.R. Shin, E.S. Lee, J.-Y. Cha, S.K. Paeng, Y. Lee, J.H. Park, W.Y. Kim, C.H. Kang, K.O. Lee, K.W. Lee, D.-J. Yun and S.Y. Lee



13–24

Y. Lai, X. Lou, Y. Jho, T.-Y. Yoon and Y.-K. Shin



25–33

X.-r. Lv, B. Zheng, S.-y. Li, A.-l. Han, C. Wang, J.-h. Shi, X.-h. Zhang, Y. Liu, Y.-h. Li and J.-k. Wen



35–46

B.O. Ingram, J.L. Turbyfill, P.J. Bledsoe, A.K. Jaiswal and D.W. Stafford

47–54

S. Chen, K. Chen, Q. Zhang, H. Cheng and R. Zhou



55–66

B.J. Trigg, C.F. Lee, D.J. Vaux and L. Jean



67–80

G.R. Hemsworth, D. González-Pacanowska and K.S. Wilson



81–88

A. Madabushi, B.-J. Hwang, J. Jin and A.-L. Lu



89–98

M. Torrent, D. Pulido, J. Valle, M.V. Nogués, D. Andreu and E. Boix



99–108

S.J. Lee, J.H. Kang, S.Y. Choi and O.-S. Kwon



109–118

Contents

Identification of protein phosphatase 1 as a regulator of the LRRK2 phosphorylation cycle
Published as BJ Immediate Publication 12 August 2013,
doi:10.1042/BJ20121772



119–128

Mutation of Trp⁹³ of MauG to tyrosine causes loss of bound Ca²⁺ and alters the kinetic mechanism of tryptophan tryptophylquinone cofactor biosynthesis
Published as BJ Immediate Publication 11 September 2013,
doi:10.1042/BJ20130981

E. Lobbestael, J. Zhao, I.N. Rudenko, A. Beylina, F. Gao, J. Wetter, M. Beullens, M. Bollen, M.R. Cookson, V. Baekelandt, R.J. Nichols and J.-M. Taymans

Investigating the function of [2Fe–2S] cluster N1a, the off-pathway cluster in complex I, by manipulating its reduction potential
Published as BJ Immediate Publication 27 August 2013,
doi:10.1042/BJ20130606

S. Shin, M. Feng and V.L. Davidson

129–137



139–146

Correction

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

J.A. Birrell, K. Morina, H.R. Bridges, T. Friedrich and J. Hirst

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

147