

Online Commentaries

GSDM family genes meet autophagy
Published on the Internet 6 July 2015,
doi:10.1042/BJ20150558

New route for the activation of poly(ADP-ribose) polymerase-1: a passage that links poly(ADP-ribose) polymerase-1 to lipotoxicity?
Published on the Internet 6 July 2015,
doi:10.1042/BJ20150598

Research Papers

Salicylate activates AMPK and synergizes with metformin to reduce the survival of prostate and lung cancer cells *ex vivo* through inhibition of *de novo* lipogenesis

Published as BJ Immediate Publication 5 May 2015,
doi:10.1042/BJ20150122

Acyl-CoA-binding domain containing 3 modulates NAD⁺ metabolism through activating poly(ADP-ribose) polymerase 1

Published as BJ Immediate Publication 5 May 2015,
doi:10.1042/BJ20141487

The focal adhesion kinase Pyk2 links Ca²⁺ signalling to Src family kinase activation and protein tyrosine phosphorylation in thrombin-stimulated platelets
Published as BJ Immediate Publication 13 May 2015,
doi:10.1042/BJ20150048

Oxygen reactivity of mammalian sulfite oxidase provides a concept for the treatment of sulfite oxidase deficiency

Published on the Internet 6 July 2015,
doi:10.1042/BJ20140768

Nuclear cyclophilins affect spliceosome assembly and function *in vitro*

Published as BJ Immediate Publication 13 May 2015,
doi:10.1042/BJ20150396

Directed cardiomyogenesis of human pluripotent stem cells by modulating Wnt/β-catenin and BMP signalling with small molecules
Published on the Internet 6 July 2015,
doi:10.1042/BJ20150186

Engineered protease inhibitors based on sunflower trypsin inhibitor-1 (SFTI-1) provide insights into the role of sequence and conformation in Laskowski mechanism inhibition
Published as BJ Immediate Publication 18 May 2015,
doi:10.1042/BJ20150412

Tail wags the dog: activity of krait natriuretic peptide is determined by its C-terminal tail in a natriuretic peptide receptor-independent manner
Published as BJ Immediate Publication 18 May 2015,
doi:10.1042/BJ20150281

M. Tamura and T. Shiroishi

e5–e7

P. Bai and B. Csóka

e9–e11

A. J. O'Brien, L. A. Villani, L. A. Broadfield, V. P. Houde, S. Galic, G. Blandino, B. E. Kemp, T. Tsakiridis, P. Muti and G. R. Steinberg

177–187

Y. Chen, S. Bang, S. Park, H. Shi and S. F. Kim

189–198

I. Canobbio, L. Cipolla, G. F. Guidetti, D. Manganaro, C. Visconte, S. Kim, M. Okigaki, M. Falasca, S. P. Kunapuli and M. Torti

199–210

A. A. Belaidi, J. Röper, S. Arjune, S. Krizowski, A. Trifunovic and G. Schwarz

211–221

B. M. Adams, M. N. Coates, S. R. Jackson, M. S. Jurica and T. L. Davis

223–233

J. S. Aguilar, A. N. Begum, J. Alvarez, X.-b. Zhang, Y. Hong and J. Hao

235–241

S. J. de Veer, J. E. Swedberg, M. Akcan, K. J. Rosengren, M. Brattsand, D. J. Craik and J. M. Harris

243–253

S. Sridharan and R. M. Kini

255–266

Contents

Slc5a8, a Na ⁺ -coupled high-affinity transporter for short-chain fatty acids, is a conditional tumour suppressor in colon that protects against colitis and colon cancer under low-fibre dietary conditions <i>Published as BJ Immediate Publication 18 May 2015, doi:10.1042/BJ20150242</i>	A. Gurav, S. Sivaprakasam, Y. D. Bhutia, T. Boettger, N. Singh and V. Ganapathy	267–278
Thiol-disulfide exchange between the PDI family of oxidoreductases negates the requirement for an oxidase or reductase for each enzyme <i>Published as BJ Immediate Publication 19 May 2015, doi:10.1042/BJ20141423</i>	O. B. N. Oka, H. Y. Yeoh and N. J. Bulleid	279–288
FOXO target gene CTDSP2 regulates cell cycle progression through Ras and p21 ^{Cip1/Waf1} <i>Published as BJ Immediate Publication 20 May 2015, doi:10.1042/BJ20140831</i>	D. E. A. Kloet, P. E. Polderman, A. Eijkelenboom, L. M. Smits, M. H. van Triest, M. C. W. van den Berg, M. J. G. Koerkamp, D. van Leenen, P. Lijnzaad, F. C. Holstege and B. M. Burgering	289–298
E3 SUMO ligase AtSIZ1 positively regulates SLY1-mediated GA signalling and plant development <i>Published as BJ Immediate Publication 26 May 2015, doi:10.1042/BJ20141302</i>	S.-I. Kim, B. S. Park, D. Y. Kim, S. Y. Yeo, S. I. Song, J. T. Song and H. S. Seo	299–314
Deletion of phospholipase A ₂ group IVc induces apoptosis in rat mammary tumour cells by the nuclear factor- κ B/lipocalin 2 pathway <i>Published as BJ Immediate Publication 27 May 2015, doi:10.1042/BJ20150064</i>	N. Nanashima, T. Yamada, T. Shimizu and S. Tsuchida	315–324