

Reviews

Renal stem cells: fact or science fiction?

Published on the Internet 11 May 2012,
doi:10.1042/BJ20120176

K.K. McCampbell and R.A. Wingert

153–168

The proteomic future: where mass spectrometry should be taking us

Published on the Internet 11 May 2012,
doi:10.1042/BJ20110363

J.J. Thelen and J.A. Miernyk

169–181

Readers' Choice

Protease activity of MALT1: a mystery unravelled

Published on the Internet 11 May 2012,
doi:10.1042/BJ20120414

D. Kirchhofer and D. Vucic

e3–e5

Research Papers

Kinetic analysis of FTO (fat mass and obesity-associated) reveals that it is unlikely to function as a sensor for 2-oxoglutarate
Published as BJ Immediate Publication 21 March 2012,
doi:10.1042/BJ20120065

M. Ma, H.P. Harding, S. O'Rahilly, D. Ron and G.S.H. Yeo



183–187

Steric and allosteric factors prevent simultaneous binding of transferrin-binding proteins A and B to transferrin
Published as BJ Immediate Publication 27 February 2012,
doi:10.1042/BJ20112133

L.P. Silva, R.-h. Yu, C. Calmettes, X. Yang, T.F. Moraes, D.C. Schriemer and A.B. Schryvers

189–197

Construction of histidine-tagged yeast mitochondrial cytochrome c oxidase for facile purification of mutant forms
Published as BJ Immediate Publication 7 March 2012,
doi:10.1042/BJ20120116

B. Meunier, A. Maréchal and P.R. Rich



199–204

Solution structure of the natively assembled yeast ribosomal stalk determined by small-angle X-ray scattering
Published as BJ Immediate Publication 29 March 2012,
doi:10.1042/BJ20120115

P. Grela, M.J. Gajda, J.-P. Armache, R. Beckmann, D. Krokowski, D.I. Svergun, N. Grankowski and M. Tchórzewski

205–209

Involvement of TSSA (trypanostigote small surface antigen) in *Trypanosoma cruzi* invasion of mammalian cells
Published as BJ Immediate Publication 20 March 2012,
doi:10.1042/BJ20120074

G.E. Cánepe, M.S. Degese, A. Budu, C.R.S. Garcia and C.A. Buscaglia



211–218

Characterization of a novel copper-haem c dissimilatory nitrite reductase from *Ralstonia pickettii*
Published as BJ Immediate Publication 13 March 2012,
doi:10.1042/BJ20111623

C. Han, G.S.A. Wright, K. Fisher, S.E.J. Rigby, R.R. Eady and S.S. Hasnain



219–226

Characterization of the evolutionarily conserved iron-sulfur cluster of sirohydrochlorin ferrochelatase from *Arabidopsis thaliana*
Published as BJ Immediate Publication 13 March 2012,
doi:10.1042/BJ20111993

K. Saha, M.E. Webb, S.E.J. Rigby, H.K. Leech, M.J. Warren and A.G. Smith



227–237

The B55 α -containing PP2A holoenzyme dephosphorylates FOXO1 in islet β -cells under oxidative stress
Published as BJ Immediate Publication 15 March 2012,
doi:10.1042/BJ20111606

L. Yan, S. Guo, M. Brault, J. Harmon, R.P. Robertson, R. Hamid, R. Stein and E. Yang

239–247

Contents

AMPK and GCN2-ATF4 signal the repression of mitochondria in colon cancer cells <i>Published as BJ Immediate Publication</i> 21 March 2012, doi:10.1042/BJ20111829	I. Martínez-Reyes, M. Sánchez-Aragó and J.M. Cuevza	249–259
Cyanide is an adequate agonist of the plant hormone ethylene for studying signalling of sensor kinase ETR1 at the molecular level <i>Published as BJ Immediate Publication</i> 5 March 2012, doi:10.1042/BJ20111447	M.M.A. Bisson and G. Groth	261–267
Kinetics of <i>Torpedo californica</i> acetylcholinesterase inhibition by bisnorcymserine and crystal structure of the complex with its leaving group <i>Published as BJ Immediate Publication</i> 6 March 2012, doi:10.1042/BJ20111675	C. Bartolucci, J. Stojan, Q.-s. Yu, N.H. Greig and D. Lamba	269–277
The Nedd4-like ubiquitin E3 ligases target angiomotin/p130 to ubiquitin-dependent degradation <i>Published as BJ Immediate Publication</i> 2 March 2012, doi:10.1042/BJ20111983	C. Wang, J. An, P. Zhang, C. Xu, K. Gao, D. Wu, D. Wang, H. Yu, J. O. Liu and L. Yu	279–289
JNK- and Akt-mediated Puma expression in the apoptosis of cisplatin-resistant ovarian cancer cells <i>Published as BJ Immediate Publication</i> 7 March 2012, doi:10.1042/BJ20111855	Z. Zhao, J. Wang, J. Tang, X. Liu, Q. Zhong, F. Wang, W. Hu, Z. Yuan, C. Nie and Y. Wei	291–301
Golgi-SNARE GS28 potentiates cisplatin-induced apoptosis by forming GS28–MDM2–p53 complexes and by preventing the ubiquitination and degradation of p53 <i>Published as BJ Immediate Publication</i> 8 March 2012, doi:10.1042/BJ20112223	N.-K. Sun, S.-L. Huang, K.-Y. Chien and C.C.-K. Chao	303–314
Acute and chronic effects of bupivacaine on muscle energetics during contraction <i>in vivo</i> : a modular metabolic control analysis <i>Published as BJ Immediate Publication</i> 5 March 2012, doi:10.1042/BJ20112011	L.M. Arsac, K. Nouette-Gaulain, S. Miraux, V. Deschodt-Arsac, R. Rossignol, E. Thiaudiere and P. Diolez	315–322
CARM1/PRMT4 is necessary for the glycogen gene expression programme in skeletal muscle cells <i>Published as BJ Immediate Publication</i> 19 March 2012, doi:10.1042/BJ20112033	S.-C.M. Wang, D.H. Dowhan, N.A. Eriksson and G.E.O. Muscat	323–331
Metabolism of γ -hydroxybutyrate in perfused rat livers <i>Published as BJ Immediate Publication</i> 19 March 2012, doi:10.1042/BJ20112046	G.-F. Zhang, S. Sadhukhan, R.A. Ibarra, S.M. Lauden, C.-Y. Chuang, S. Sushailo, P. Chatterjee, V.E. Anderson, G.P. Tochtrap and H. Brunengraber	333–341
Feedback regulation by Atf3 in the endothelin-1-responsive transcriptome of cardiomyocytes: Egr1 is a principal Atf3 target <i>Published as BJ Immediate Publication</i> 5 March 2012, doi:10.1042/BJ20120125	A. Giraldo, O.P.T. Barrett, M.J. Tindall, S.J. Fuller, E. Amirak, B.S. Bhattacharya, P.H. Sugden and A. Clerk	343–355



261–267



269–277



291–301



303–314



323–331



333–341



343–355