

Reviews

The post-transcriptional life of mammalian mitochondrial RNA

Published on the Internet 29 May 2012,
doi:10.1042/BJ20112208

J. Rorbach and M. Minczuk

357–373

Co-ordination of cell cycle and differentiation in the developing nervous system

Published on the Internet 29 May 2012,
doi:10.1042/BJ20112040

C. Hindley and A. Philpott

375–382



Research Papers

EHD2 shuttles to the nucleus and represses transcription

Published as BJ Immediate Publication 26 March 2012,
doi:10.1042/BJ20111268

O. Pekar, S. Benjamin, H. Weidberg, S. Smaldone,
F. Ramirez and M. Horowitz

383–394



DNA binding by the plant-specific NAC transcription factors in crystal and solution: a firm link to WRKY and GCM transcription factors

Published as BJ Immediate Publication 29 March 2012,
doi:10.1042/BJ20111742

D.H. Welner, S. Lindemose, J.G. Grossmann,
N.E. Møllegaard, A.N. Olsen, C. Helgstrand,
K. Skriver and L. Lo Leggio

395–404



The disordered N-terminal region of dengue virus capsid protein contains a lipid-droplet-binding motif

Published as BJ Immediate Publication 19 March 2012,
doi:10.1042/BJ20112219

I.C. Martins, F. Gomes-Neto, A.F. Faustino, F.A. Carvalho,
F.A. Carneiro, P.T. Bozza, R. Mohana-Borges,
M.A.R.B. Castanho, F.C.L. Almeida, N.C. Santos and
A.T. Da Poian

405–415



Bivalent and co-operative binding of complement Factor H to heparan sulfate and heparin

Published as BJ Immediate Publication 3 April 2012,
doi:10.1042/BJ20120183

S. Khan, R. Nan, J. Gor, B. Mulloy and S.J. Perkins

417–428



Glycosylation at Asn⁹¹ of H1N1 haemagglutinin affects binding to glycan receptors

Published on the Internet 29 May 2012,
doi:10.1042/BJ20112101

A. Jayaraman, X. Koh, J. Li, R. Raman, K. Viswanathan,
Z. Shriver and R. Sasisekharan

429–435



A glycosynthase derived from an inverting GH19 chitinase from the moss *Bryum coronatum*

Published as BJ Immediate Publication 21 March 2012,
doi:10.1042/BJ20120036

T. Ohnuma, T. Fukuda, S. Dozen, Y. Honda, M. Kitaoka
and T. Fukamizo

437–443



Structure and activity of the *Pseudomonas aeruginosa* hotdog-fold thioesterases PA5202 and PA2801

Published as BJ Immediate Publication 23 March 2012,
doi:10.1042/BJ20112032

C.F. Gonzalez, A. Tchigvintsev, G. Brown, R. Flick,
E. Evdokimova, X. Xu, J. Osipiuk, M.E. Cuff, S. Lynch,
A. Joachimiak, A. Savchenko and A.F. Yakunin

445–455



Functional analysis of the protein phosphatase activity of PTEN

Published as BJ Immediate Publication 13 March 2012,
doi:10.1042/BJ20120098

X.C. Zhang, A. Piccini, M.P. Myers, L. Van Aelst and
N.K. Tonks

457–464



A functional description of CymA, an electron-transfer hub supporting anaerobic respiratory flexibility in *Shewanella*

Published as BJ Immediate Publication 29 March 2012,
doi:10.1042/BJ20120197

S.J. Marritt, T.G. Lowe, J. Bye, D.G.G. McMillan,
L. Shi, J. Fredrickson, J. Zachara, D.J. Richardson,
M.R. Cheesman, L.J.C. Jeuken and J.N. Butt

465–474



Structure-based analysis of VDAC1: N-terminus location, translocation, channel gating and association with anti-apoptotic proteins

Published as BJ Immediate Publication 8 March 2012,
doi:10.1042/BJ20112079

S. Geula, D. Ben-Hail and V. Shoshan-Barmatz

475–485

Contents

Ovine PrP transgenic <i>Drosophila</i> show reduced locomotor activity and decreased survival <i>Published as BJ Immediate Publication</i> 21 March 2012, doi:10.1042/BJ20112141	A.M. Thackray, F. Muhammad, C. Zhang, Y. Di, T.R. Jahn, M. Landgraf, D.C. Crowther, J.F. Evers and R. Bujdoso	487–495
The <i>Candida albicans</i> plasma membrane protein Rch1p, a member of the vertebrate SLC10 carrier family, is a novel regulator of cytosolic Ca ²⁺ homoeostasis <i>Published as BJ Immediate Publication</i> 24 April 2012, doi:10.1042/BJ20112166	L. Jiang, J. Alber, J. Wang, W. Du, X. Yang, X. Li, D. Sanglard and J. Geyer	497–502
The AMPK-related kinase SIK2 is regulated by cAMP via phosphorylation at Ser ³⁵⁸ in adipocytes <i>Published as BJ Immediate Publication</i> 30 March 2012, doi:10.1042/BJ20111932	E. Henriksson, H.A. Jones, K. Patel, M. Peggie, N. Morrice, K. Sakamoto and O. Göransson	503–514
Interleukin-6 counteracts therapy-induced cellular oxidative stress in multiple myeloma by up-regulating manganese superoxide dismutase <i>Published as BJ Immediate Publication</i> 3 April 2012, doi:10.1042/BJ20112019	C.O. Brown, K. Salem, B.A. Wagner, S. Bera, N. Singh, A. Tiwari, A. Choudhury, G.R. Buettner and A. Goel	515–527
Definition of the binding mode of a new class of phosphoinositide 3-kinase α -selective inhibitors using <i>in vitro</i> mutagenesis of non-conserved amino acids and kinetic analysis <i>Published as BJ Immediate Publication</i> 13 April 2012, doi:10.1042/BJ20120499	Z. Zheng, S.I. Amran, J. Zhu, O. Schmidt-Kittler, K.W. Kinzler, B. Vogelstein, P.R. Shepherd, P.E. Thompson and I.G. Jennings	529–535
Effects of a glucokinase activator on hepatic intermediary metabolism: study with ¹³ C-isotopomer-based metabolomics <i>Published as BJ Immediate Publication</i> 26 March 2012, doi:10.1042/BJ20120163	I. Nissim, O. Horyn, I. Nissim, Y. Daikhin, S.L. Wehrli, M. Yudkoff and F.M. Matschinsky	537–551
Fe-haem bound to <i>Escherichia coli</i> bacterioferritin accelerates iron core formation by an electron transfer mechanism <i>Published as BJ Immediate Publication</i> 30 March 2012, doi:10.1042/BJ20112200	S.G. Wong, R. Abdulqadir, N.E. Le Brun, G.R. Moore and A.G. Mauk	553–560
Pyruvate fuels mitochondrial respiration and proliferation of breast cancer cells: effect of monocarboxylate transporter inhibition <i>Published as BJ Immediate Publication</i> 30 March 2012, doi:10.1042/BJ20120294	A.R. Diers, K.A. Broniowska, C.-F. Chang and N. Hogg	561–571
DNAJB6 governs a novel regulatory loop determining Wnt/ β -catenin signalling activity <i>Published as BJ Immediate Publication</i> 28 March 2012, doi:10.1042/BJ20120205	M.E. Menezes, A. Mitra, L.A. Shevde and R.S. Samant	573–580
Oestrogen causes ATBF1 protein degradation through the oestrogen-responsive E3 ubiquitin ligase EFP <i>Published as BJ Immediate Publication</i> 28 March 2012, doi:10.1042/BJ20111890	X.-Y. Dong, X. Fu, S. Fan, P. Guo, D. Su and J.-T. Dong	581–590
Neuronal caspase 2 activity and function requires RAIDD, but not PIDD <i>Published as BJ Immediate Publication</i> 19 April 2012, doi:10.1042/BJ20111588	E.M. Ribe, Y.Y. Jean, R.L. Goldstein, C. Manzl, L. Stefanis, A. Villunger and C.M. Troy	591–599
Synthesis of inositol phosphate ligands of plant hormone–receptor complexes: pathways of inositol hexakisphosphate turnover <i>Published as BJ Immediate Publication</i> 20 March 2012, doi:10.1042/BJ20111811	D.E. Hanke, P.N. Parmar, S.E.K. Caddick, P. Green and C.A. Brearley	601–609
Generation of free ubiquitin chains is up-regulated in stress and facilitated by the HECT domain ubiquitin ligases UFD4 and HUL5 <i>Published as BJ Immediate Publication</i> 13 April 2012, doi:10.1042/BJ20111840	O. Braten, N. Shabek, Y. Kravtsova-Ivantsiv and A. Ciechanover	611–617



497–502



515–527



529–535



537–551



561–571



573–580



581–590



591–599



601–609

Corrections

Human T-cell lymphotropic virus type I-transformed T-cells have a partial defect in ceramide synthesis in response to <i>N</i> -(4-hydroxyphenyl)retinamide	N. Darwiche, G. Abou-Lteif, T. Najdi, L. Kozhaya, A. Abou Tayoun, A. Bazarbachi and G.S. Dbaibo	619
Detection of Rho GEF and GAP activity through a sensitive split luciferase assay system	E.L. Anderson and M.J. Hamann	619
Crystal structure of the enzyme CapF of <i>Staphylococcus aureus</i> reveals a unique architecture composed of two functional domains	T. Miyafusa, J.M.M. Caaveiro, Y. Tanaka and K. Tsumoto	619