



1906–2006
Centenary

Subscribing organizations are encouraged to copy and distribute this table of contents for non-commercial purposes

Biochemical Journal
Volume 395, part 2
15 April 2006

<http://www.BiochemJ.org>

Research Papers

Ca²⁺ release triggered by NAADP in hepatocyte microsomes

Published as BJ Immediate Publication 19 December 2005.
doi:10.1042/BJ20051002

The secreted *Salmonella dublin* phosphoinositide phosphatase, SopB, localizes to PtdIns(3)P-containing endosomes and perturbs normal endosome to lysosome trafficking

Published as BJ Immediate Publication 6 January 2006.
doi:10.1042/BJ20051451

Ca²⁺-ATPases in non-failing and failing heart: evidence for a novel cardiac sarco/endoplasmic reticulum Ca²⁺-ATPase 2 isoform (SERCA2c)

Published as BJ Immediate Publication 11 January 2006.

doi:10.1042/BJ20051427

Functional properties of ryanodine receptors carrying three amino acid substitutions identified in patients affected by multi-minicore disease and central core disease, expressed in immortalized lymphocytes

Published as BJ Immediate Publication 22 December 2005.
doi:10.1042/BJ20051282

Bcl-2 overexpression prevents calcium overload and subsequent apoptosis in dystrophic myotubes

Published as BJ Immediate Publication 4 January 2006.
doi:10.1042/BJ20051265

Misincorporation of free m-tyrosine into cellular proteins: a potential cytotoxic mechanism for oxidized amino acids

Published as BJ Immediate Publication 20 December 2005.
doi:10.1042/BJ20051964

Tumour necrosis factor α -converting enzyme mediates ectodomain shedding of Vps10p-domain receptor family members

Published as BJ Immediate Publication 4 January 2006.
doi:10.1042/BJ20051364

rhEPO (recombinant human eosinophil peroxidase): expression in *Pichia pastoris* and biochemical characterization

Published as BJ Immediate Publication 6 January 2006.
doi:10.1042/BJ20051385

Radical scavenger can scavenge lipid allyl radicals complexed with lipoxygenase at lower oxygen content

Published as BJ Immediate Publication 6 January 2006.
doi:10.1042/BJ20051595

Lack of ceramide generation and altered sphingolipid composition are associated with drug resistance in human ovarian carcinoma cells

Published as BJ Immediate Publication 16 December 2005.
doi:10.1042/BJ20051184

M. Mándi, B. Tóth, G. Timár and J. Bak

233–238

J.D. Dukes, H. Lee, R. Hagen, B.J. Reaves, A.N. Layton, E.E. Galyov and P. Whitley

239–247

S. Dally, R. Bredoux, E. Corvazier, J.P. Andersen, J.D. Clausen, L. Dode, M. Fanchaouy, P. Gelebart, V. Monceau, F. Del Monte, J.K. Gwathmey, R. Hajjar, C. Chaabane, R. Bobe, A. Raies and J. Enouf

249–258



S. Ducreux, F. Zorzato, A. Ferreiro, H. Jungbluth, F. Muntoni, N. Monnier, C.R. Müller and S. Treves

259–266

O. Basset, F.-X. Boittin, C. Cognard, B. Constantin and U.T. Ruegg

267–276

H. Gurer-Orhan, N. Ercal, S. Mare, S. Pennathur, H. Orhan and J.W. Heinecke

277–284

G. Hermey, S.S. Sjøgaard, C.M. Petersen, A. Nykjær and J. Gliemann

285–293

C. Ciaccio, A. Gambacurta, G. De Sanctis, D. Spagnolo, C. Sakarikou, G. Petrella and M. Coletta

295–301

I. Koshiishi, K. Tsuchida, T. Takajo and M. Komatsu

303–309

A. Prinetti, D. Millimaggi, S. D'Ascenzo, M. Clarkson, A. Bettiga, V. Chigorno, S. Sonnino, A. Pavan and V. Dolo

311–318

Mode of action and subsite studies of the guluronan block-forming mannuronan C-5 epimerases AlgE1 and AlgE6 <i>Published as BJ Immediate Publication 3 January 2006, doi:10.1042/BJ20051804</i>	S. Holtan, P. Bruheim and G. Skjåk-Bræk	319–329
Mutations in the regulatory subunit of yeast acetohydroxyacid synthase affect its activation by MgATP <i>Published as BJ Immediate Publication 4 January 2006, doi:10.1042/BJ20051793</i>	Y.-T. Lee and R.G. Duggleby	331–336
Bile acids alter the subcellular localization of CNT2 (concentrative nucleoside cotransporter) and increase CNT2-related transport activity in liver parenchymal cells <i>Published as BJ Immediate Publication 3 January 2006, doi:10.1042/BJ20051232</i>	S. Fernández-Veledo, I. Huber-Ruano, I. Aymerich, S. Duflot, F.J. Casado and M. Pastor-Anglada	337–344
The ABC transporter BmrA from <i>Bacillus subtilis</i> is a functional dimer when in a detergent-solubilized state <i>Published as BJ Immediate Publication 11 January 2006, doi:10.1042/BJ20051719</i>	S. Ravaud, M.-A. Do Cao, M. Jidenko, C. Ebel, M. Le Maire, J.-M. Jault, A. Di Pietro, R. Haser and N. Aghajari	345–353
The <i>TLX2</i> homeobox gene is a transcriptional target of PHOX2B in neural-crest-derived cells <i>Published as BJ Immediate Publication 10 January 2006, doi:10.1042/BJ20051386</i>	S. Borghini, T. Bachetti, M. Fava, M. Di Duca, F. Cargini, D. Fornasari, R. Ravazzolo and I. Ceccherini	355–361
Hepatic very-low-density lipoprotein and apolipoprotein B production are increased following <i>in vivo</i> induction of betaine–homocysteine S-methyltransferase <i>Published as BJ Immediate Publication 6 January 2006, doi:10.1042/BJ20051966</i>	J.D. Sparks, H.L. Collins, D.V. Chiriac, J. Cianci, J. Jokinen, M.P. Sowden, C.A. Galloway and C.E. Sparks	363–371
Myosin heavy-chain kinase A from <i>Dictyostelium</i> possesses a novel actin-binding domain that cross-links actin filaments <i>Published as BJ Immediate Publication 22 December 2005, doi:10.1042/BJ20051376</i>	M. Russ, D. Croft, O. Ali, R. Martinez and P.A. Steinle	373–383
Molecular cloning of disintegrins from <i>Cerastes vipera</i> and <i>Macrovipera lebetina transmediterranea</i> venom gland cDNA libraries: insight into the evolution of the snake venom integrin-inhibition system <i>Published as BJ Immediate Publication 13 January 2006, doi:10.1042/BJ20051678</i>	L. Sanz, A. Bazaar, N. Marrakchi, A. Pérez, M. Chenik, Z. Bel Lasfer, M. El Ayeb and J.J. Calvete	385–392
Adaptation of enterocytic Caco-2 cells to glucose modulates triacylglycerol-rich lipoprotein secretion through triacylglycerol targeting into the endoplasmic reticulum lumen <i>Published as BJ Immediate Publication 4 January 2006, doi:10.1042/BJ20051359</i>	T. Pauquai, J. Bouchoux, D. Chateau, R. Vidal, M. Rousset, J. Chambaz and S. Demignot	393–403
Metallothionein isoform 2A expression is inducible and protects against ROS-mediated cell death in rotenone-treated HeLa cells <i>Published as BJ Immediate Publication 10 January 2006, doi:10.1042/BJ20051253</i>	F. Reinecke, O. Levanets, Y. Olivier, R. Louw, B. Semete, A. Grobler, J. Hidalgo, J. Smeitink, A. Olckers and F.H. van der Westhuizen	405–415
The CD38-independent ADP-ribosyl cyclase from mouse brain synaptosomes: a comparative study of neonate and adult brain <i>Published as BJ Immediate Publication 17 January 2006, doi:10.1042/BJ20051321</i>	C. Ceni, N. Pochon, M. Villaz, H. Müller-Steffner, F. Schuber, J. Baratier, M. De Waard, M. Ronjat and M.-J. Moutin	417–426
Characterization of <i>Escherichia coli</i> D-arabinose 5-phosphate isomerase encoded by <i>kpsF</i> : implications for group 2 capsule biosynthesis <i>Published as BJ Immediate Publication 3 January 2006, doi:10.1042/BJ20051828</i>	T.C. Meredith and R.W. Woodard	427–432

Characterization of *Schistosoma mansoni* Sds homologue, a leucine-rich repeat protein that interacts with protein phosphatase type 1 and interrupts a G₂/M cell-cycle checkpoint

Published as BJ Immediate Publication 13 January 2006,
doi:10.1042/BJ20051597

Removal of the glycosylphosphatidylinositol anchor from PrP^{SC} by cathepsin D does not reduce prion infectivity

Published as BJ Immediate Publication 27 January 2006,
doi:10.1042/BJ20051677

W. Daher, K. Cailliau, K. Takeda, C. Pierrot, N. Khayath, C. Dissous, M. Capron, M. Yanagida, E. Browaeys and J. Khalife

433–441

P.A. Lewis, F. Properzi, K. Prodromidou, A.R. Clarke, J. Collinge and G.S. Jackson

443–448