

**Review**
**Na<sup>+</sup>/Ca<sup>2+</sup> exchangers: three mammalian gene families control Ca<sup>2+</sup> transport**

Published on the Internet 29 August 2007,  
doi:10.1042/BJ20070619

**J. Lytton**

**365–382**
**Research Papers**

## Regulation of type V adenylate cyclase by Ric8a, a guanine nucleotide exchange factor

Published as BJ Immediate Publication 26 June 2007,  
doi:10.1042/BJ20070512

**S.-C. Wang, H.-L. Lai, Y.-T. Chiu, R. Ou, C.-L. Huang and Y. Chern**

**383–388**

 Phosphorylation of CK1 $\delta$ : identification of Ser<sup>370</sup> as the major phosphorylation site targeted by PKA *in vitro* and *in vivo*

Published as BJ Immediate Publication 27 June 2007,  
doi:10.1042/BJ20070091

**G. Giamas, H. Hirner, L. Shoshiashvili, A. Grothey, S. Gessert, M. Kühl, D. Henne-Bruns, C.E. Vorgias and U. Knippschild**

**389–398**

 The *Arabidopsis* ALDP protein homologue COMATOSE is instrumental in peroxisomal acetate metabolism

Published as BJ Immediate Publication 21 June 2007,  
doi:10.1042/BJ20070258

**M.A. Hooks, J.E. Turner, E.C. Murphy, K.A. Johnston, S. Burr and S. Jaroslawski**
**399–406**

## Novel mechanism of inhibition of rat kidney-type glutaminase by bis-2-(5-phenylacetamido-1,2,4-thiadiazol-2-yl)ethyl sulfide (BPTES)

Published as BJ Immediate Publication 21 June 2007,  
doi:10.1042/BJ20070039

**M.M. Robinson, S.J. McBryant, T. Tsukamoto, C. Rojas, D.V. Ferraris, S.K. Hamilton, J.C. Hansen and N.P. Curthoys**
**407–414**

## TLP18.3, a novel thylakoid lumen protein regulating photosystem II repair cycle

Published as BJ Immediate Publication 19 June 2007,  
doi:10.1042/BJ20070460

**S. Sirpö, Y. Allahverdiyeva, M. Suorsa, V. Paakkarinen, J. Vainonen, N. Battchikova and E.-M. Aro**
**415–425**

 Inhibition of calcium-independent phospholipase A<sub>2</sub> suppresses proliferation and tumorigenicity of ovarian carcinoma cells

Published as BJ Immediate Publication 8 June 2007,  
doi:10.1042/BJ20070631

**Y. Song, P. Wilkins, W. Hu, K.S. Murthy, J. Chen, Z. Lee, R. Oyesanya, J. Wu, S.E. Barbour and X. Fang**
**427–436**

## p53 regulates its own activator: transcriptional co-activator PC4, a new p53-responsive gene

Published as BJ Immediate Publication 8 June 2007,  
doi:10.1042/BJ20070390

**A.H. Kishore, K. Batta, C. Das, S. Agarwal and T.K. Kundu**
**437–444**

 Role of the highly structured 5'-end region of *MDR1* mRNA in P-glycoprotein expression

Published as BJ Immediate Publication 15 June 2007,  
doi:10.1042/BJ20070235

**R.A. Randle, S. Raguz, C.F. Higgins and E. Yagüe**
**445–455**

## Western diet, but not high fat diet, causes derangements of fatty acid metabolism and contractile dysfunction in the heart of Wistar rats

Published as BJ Immediate Publication 6 June 2007,  
doi:10.1042/BJ20070392

**C.R. Wilson, M.K. Tran, K.L. Salazar, M.E. Young and H. Taegtmeyer**
**457–467**

S-Adenosyl-L-methionine:magnesium-protoporphyrin IX O-methyltransferase from *Rhodobacter capsulatus*: mechanistic insights and stimulation with phospholipids  
*Published as BJ Immediate Publication* 26 June 2007,  
*doi:10.1042/BJ20070284*

Structural and functional differences among human surfactant proteins SP-A1, SP-A2 and co-expressed SP-A1/SP-A2: role of supratrimeric oligomerization  
*Published as BJ Immediate Publication* 4 June 2007,  
*doi:10.1042/BJ20070275*

Alternative promoters and repetitive DNA elements define the species-dependent tissue-specific expression of the *FMO1* genes of human and mouse  
*Published as BJ Immediate Publication* 4 June 2007,  
*doi:10.1042/BJ20070523*

Coincident regulation of PKC $\delta$  in human platelets by phosphorylation of Tyr<sup>311</sup> and Tyr<sup>565</sup> and phospholipase C signalling  
*Published as BJ Immediate Publication* 15 June 2007,  
*doi:10.1042/BJ20070244*

Resveratrol is a class IA phosphoinositide 3-kinase inhibitor  
*Published as BJ Immediate Publication* 6 June 2007,  
*doi:10.1042/BJ20070236*

The *EWS–Oct-4* fusion gene encodes a transforming gene  
*Published as BJ Immediate Publication* 12 June 2007,  
*doi:10.1042/BJ20070243*

A. Sawicki and R.D. Willows



**469–478**

F. Sánchez-Barbero, G. Rivas, W. Steinhilber and C. Casals

**479–489**

E.A. Shephard, P. Chandan, M. Stevanovic-Walker, M. Edwards and I.R. Phillips

**491–499**

K.J. Hall, M.L. Jones and A.W. Poole

**501–509**

S. Fröjdö, D. Cozzone, H. Vidal and L. Pirola



**511–518**

J. Lee, J.Y. Kim, I.Y. Kang, H.K. Kim, Y.-M. Han and J. Kim

**519–526**

## Corrections

Biosynthesis and metabolism of leukotrienes  
*Volume 405* (2007), pp. 379–395

MptpB, a virulence factor from *Mycobacterium tuberculosis*, exhibits triple-specificity phosphatase activity  
*Volume 406* (2007), pp. 13–18

R.C. Murphy and M.A. Gijón

**527**

S. Beresford, S. Patel, J. Armstrong, B. Szőör, A.P. Fordham-Skelton and L. Tabernero

**527**