

**Review**

- G-protein-coupled receptors for neurotransmitter amino acids: C-terminal tails, crowded signalosomes** **329–336**  
**by O. El Far and H. Betz**  
*Published as BJ Immediate Publication 13 May 2002,*  
*DOI 10.1042/BJ20020481*

**Research Communications**

- Functional evidence for *in vitro* microtubule severing by the plant katanin homologue **337–342**  
*Published as BJ Immediate Publication 21 May 2002,*  
*DOI 10.1042/BJ20020689* V. Stoppin-Mellet, J. Gaillard and M. Vantard
- Fate of haem iron in the malaria parasite *Plasmodium falciparum* **343–347**  
*Published as BJ Immediate Publication 29 May 2002,*  
*DOI 10.1042/BJ20020793* T.J. Egan, J.M. Combrinck, J. Egan, G.R. Hearne, H.M. Marques, S. Ntentei, B.T. Sewell, P.J. Smith, D. Taylor, D.A. van Schalkwyk and J.C. Walden

**Research Papers**

- Vps4-A (vacuolar protein sorting 4-A) is a binding partner for a novel Rho family GTPase, Rnd2 **349–353**  
*Published as BJ Immediate Publication 2 April 2002,*  
*DOI 10.1042/BJ20020062* H. Tanaka, H. Fujita, H. Katoh, K. Mori and M. Negishi
- Multiple regions within the promoter of the murine *lfnar-2* gene confer basal and inducible expression **355–367**  
*Published as BJ Immediate Publication 9 April 2002,*  
*DOI 10.1042/BJ20020105* M.P. Hardy, P.J. Hertzog and C.M. Owczarek
- GGA proteins associate with Golgi membranes through interaction between their GGAH domains and ADP-ribosylation factors **369–378**  
*Published as BJ Immediate Publication 12 April 2002,*  
*DOI 10.1042/BJ20020428* H. Takatsu, K. Yoshino, K. Toda and K. Nakayama
- Function of the 90-loop (Thr<sup>90</sup>–Glu<sup>100</sup>) region of staphylokinase in plasminogen activation probed through site-directed mutagenesis and loop deletion **379–389**  
*Published as BJ Immediate Publication 8 April 2002,*  
*DOI 10.1042/BJ20011647* G. Rajamohan, M. Dahiya, S.C. Mande and K.L. Dikshit
- D-Lactate transport and metabolism in rat liver mitochondria **391–403**  
*Published as BJ Immediate Publication 15 April 2002,*  
*DOI 10.1042/BJ20020139* L. de Bari, A. Atlante, N. Guaragnella, G. Principato and S. Passarella
- Loss of the Nrf2 transcription factor causes a marked reduction in constitutive and inducible expression of the glutathione S-transferase *Gsta1*, *Gsta2*, *Gstm1*, *Gstm2*, *Gstm3* and *Gstm4* genes in the livers of male and female mice **405–416**  
*Published as BJ Immediate Publication 3 May 2002,*  
*DOI 10.1042/BJ20020320* S.A. Chanas, Q. Jiang, M. McMahon, G.K. McWalter, L.I. McLellan, C.R. Elcombe, C.J. Henderson, C.R. Wolf, G.J. Moffat, K. Itoh, M. Yamamoto and J.D. Hayes
- Assembly of the ribonucleoprotein complex containing the mRNA of the  $\beta$ -subunit of the mitochondrial H<sup>+</sup>-ATP synthase requires the participation of two distal *cis*-acting elements and a complex set of cellular *trans*-acting proteins **417–428**  
*Published as BJ Immediate Publication 8 April 2002,*  
*DOI 10.1042/BJ20011726* J. Ricart, J.M. Izquierdo, C.M. Di Liegro and J.M. Cuezva

Homo- and hetero-oligomeric interactions between G-protein-coupled receptors in living cells monitored by two variants of bioluminescence resonance energy transfer (BRET): hetero-oligomers between receptor subtypes form more efficiently than between less closely related sequences <i>Published as BJ Immediate Publication 24 April 2002, DOI 10.1042/BJ20020251</i>	D. Ramsay, E. Kellett, M. McVey, S. Rees and G. Milligan	<b>429–440</b>
Ppm1, a novel polyprenol monophosphomannose synthase from <i>Mycobacterium tuberculosis</i> <i>Published as BJ Immediate Publication 2 April 2002, DOI 10.1042/BJ20020107</i>	S.S. Gurcha, A.R. Baulard, L. Kremer, C. Locht, D.B. Moody, W. Muhlecker, C.E. Costello, D.C. Crick, P.J. Brennan and G.S. Besra	<b>441–450</b>
Effect of inositol 1,4,5-trisphosphate receptor stimulation on mitochondrial $[Ca^{2+}]$ and secretion in chromaffin cells <i>Published as BJ Immediate Publication 4 April 2002, DOI 10.1042/BJ20011722</i>	M. Montero, M.T. Alonso, A. Albillos, I. Cuchillo-Ibáñez, R. Olivares, C. Villalobos and J. Alvarez	<b>451–459</b>
Mechanism in the reaction of cytochrome c oxidase with organic hydroperoxides: an ESR spin-trapping investigation <i>Published as BJ Immediate Publication 2 April 2002, DOI 10.1042/BJ20020170</i>	Y.-R. Chen and R.P. Mason	<b>461–469</b>
Aerobic <i>sn</i> -glycerol-3-phosphate dehydrogenase from <i>Escherichia coli</i> binds to the cytoplasmic membrane through an amphipathic $\alpha$ -helix <i>Published as BJ Immediate Publication 16 April 2002, DOI 10.1042/BJ20011853</i>	A.-C. Walz, R.A. Demel, B. de Kruijff and R. Mutzel	<b>471–479</b>
Transcriptional regulation of the human carboxyl ester lipase gene in THP-1 monocytes: an E-box required for activation binds upstream stimulatory factors 1 and 2 <i>Published as BJ Immediate Publication 11 April 2002, DOI 10.1042/BJ20020223</i>	S.H.M. Bengtsson, K. Madeyski-Bengtson, J. Nilsson and G. Bjursell	<b>481–488</b>
Differential metabolism of dihomo- $\gamma$ -linolenic acid and arachidonic acid by cyclo-oxygenase-1 and cyclo-oxygenase-2: implications for cellular synthesis of prostaglandin $E_1$ and prostaglandin $E_2$ <i>Published as BJ Immediate Publication 8 April 2002, DOI 10.1042/BJ20011798</i>	G. Levin, K.L. Duffin, M.G. Obukowicz, S.L. Hummert, H. Fujiwara, P. Needleman and A. Raz	<b>489–496</b>
Characterization and expression of human bifunctional 3'-phosphoadenosine 5'-phosphosulphate synthase isoforms <i>Published as BJ Immediate Publication 4 April 2002, DOI 10.1042/BJ20020044</i>	H. Fuda, C. Shimizu, Y.C. Lee, H. Akita and C.A. Strott	<b>497–504</b>
Total direct chemical synthesis and biological activities of human group IIA secretory phospholipase $A_2$ <i>Published as BJ Immediate Publication 8 April 2002, DOI 10.1042/BJ20011648</i>	C.-Z. Dong, A. Romieu, C.M. Mounier, F. Heymans, B.P. Roques and J.-J. Godfroid	<b>505–511</b>
Expression of the leucocyte common antigen-related (LAR) tyrosine phosphatase is regulated by cell density through functional E-cadherin complexes <i>Published on the Internet 8 July 2002, DOI 10.1042/BJ20020381</i>	J.R. Symons, C.M. LeVeá and R.A. Mooney	<b>513–519</b>
Kinetics of inter-domain electron transfer in flavocytochrome cellobiose dehydrogenase from the white-rot fungus <i>Phanerochaete chrysosporium</i> <i>Published as BJ Immediate Publication 8 April 2002, DOI 10.1042/BJ20011809</i>	K. Igarashi, I. Momohara, T. Nishino and M. Samejima	<b>521–526</b>
Assembly of the <i>Drosophila</i> 26 S proteasome is accompanied by extensive subunit rearrangements <i>Published as BJ Immediate Publication 11 April 2002, DOI 10.1042/BJ20011520</i>	É. Kurucz, I. Andó, M. Sümegi, H. Hölzl, B. Kapelari, W. Baumeister and A. Udvardy	<b>527–536</b>

---

Insulin regulation of hepatic insulin-like growth factor-binding protein-1 (IGFBP-1) gene expression and mammalian target of rapamycin (mTOR) signalling is impaired by the presence of hydrogen peroxide <i>Published as BJ Immediate Publication 10 April 2002, DOI 10.1042/BJ20020266</i>	S. Patel, J. Van Der Kaay and C. Sutherland	<b>537–545</b>
Embryonic extracts derived from the nematode <i>Caenorhabditis elegans</i> remove uracil from DNA by the sequential action of uracil-DNA glycosylase and AP (apurinic/aprimidinic) endonuclease <i>Published as BJ Immediate Publication 19 April 2002, DOI 10.1042/BJ20020375</i>	A. Shatilla and D. Ramotar	<b>547–553</b>
Oncostatin M induced $\alpha_1$ -antitrypsin (AAT) gene expression in Hep G2 cells is mediated by a 3' enhancer <i>Published as BJ Immediate Publication 8 April 2002, DOI 10.1042/BJ20011312</i>	K. Morgan, P. Marsters, S. Morley, D. van Gent, A. Hejazi, M. Backx, E.R.K. Thorpe and N. Kalsheker	<b>555–560</b>