

Review

- Distinctive activation mechanisms and functions for protein kinase C δ** S.F. Steinberg 449–459
 Published as BJ Immediate Publication 19 October 2004,
 DOI 10.1042/BJ20040704

Research Papers

- Regulation of stability of cyclin-dependent kinase CDK11^{P110} and a caspase-processed form, CDK11^{P46}, by Hsp90 M. Mikolajczyk and M.A. Nelson 461–467
 Published as BJ Immediate Publication 2 September 2004,
 DOI 10.1042/BJ20040848
- Cyclo-oxygenase type 2-dependent prostaglandin E₂ secretion is involved in retrovirus-induced T-cell dysfunction in mice S. Rahmouni, E.M. Aandahl, B. Nayjib, M. Zeddou, S. Giannini, M. Verlaet, R. Greimers, J. Boniver, K. Tasken and M. Moutschen 469–476
 Published as BJ Immediate Publication 2 September 2004,
 DOI 10.1042/BJ20031859
- Exploitation of KESTREL to identify NDRG family members as physiological substrates for SGK1 and GSK3 J.T. Murray, D.G. Campbell, N. Morrice, G.C. Auld, N. Shpiro, R. Marquez, M. Peggie, J. Bain, G.B. Bloomberg, F. Grahammer, F. Lang, P. Wulff, D. Kuhl and P. Cohen 477–488
 Published as BJ Immediate Publication 4 October 2004,
 DOI 10.1042/BJ20041057
- Identification of filamin C as a new physiological substrate of PKB α using KESTREL J.T. Murray, D.G. Campbell, M. Peggie, M. Alfonso and P. Cohen 489–494
 Published as BJ Immediate Publication 4 October 2004,
 DOI 10.1042/BJ20041058
- Cross-talk of anosmin-1, the protein implicated in X-linked Kallmann's syndrome, with heparan sulphate and urokinase-type plasminogen activator Y. Hu, D. González-Martínez, S.-H. Kim and P.M.G. Bouloux 495–505
 Published as BJ Immediate Publication 23 August 2004,
 DOI 10.1042/BJ20041078
- Mutations in the *Bacillus thuringiensis* Cry1Ca toxin demonstrate the role of domains II and III in specificity towards *Spodoptera exigua* larvae S. Herrero, J. González-Cabrera, J. Ferré, P.L. Bakker and R.A. de Maagd 507–513
 Published as BJ Immediate Publication 23 August 2004,
 DOI 10.1042/BJ20041094
- Ionic interactions near the loop L4 are important for maintaining the active-site environment and the dimer stability of (pro)caspase 3 B. Feeney, C. Pop, A. Tripathy and A.C. Clark 515–525
 Published as BJ Immediate Publication 16 August 2004,
 DOI 10.1042/BJ20040693
- Comparative analysis of topoisomerase IB inhibition and DNA intercalation by flavonoids and similar compounds: structural determinates of activity M.R. Webb and S.E. Ebeler 527–541
 Published as BJ Immediate Publication 16 August 2004,
 DOI 10.1042/BJ20040474

<p>IκBα (inhibitory κBα) identified as labile repressor of MnSOD (manganese superoxide dismutase) expression <i>Published as BJ Immediate Publication 26 August 2004,</i> <i>DOI 10.1042/BJ20040714</i></p>	K.K. Kinningham, C. Daosukho and D.K. St. Clair	543–549
<p>Phosphonium compounds as new and specific inhibitors of bovine serum amine oxidase <i>Published as BJ Immediate Publication 23 August 2004,</i> <i>DOI 10.1042/BJ20031883</i></p>	M.L. Di Paolo, M. Lunelli, M. Scarpa and A. Rigo	551–558
<p>Fibroblast growth factor-2²³ binds directly to the survival of motoneuron protein and is associated with small nuclear RNAs <i>Published as BJ Immediate Publication 29 June 2004,</i> <i>DOI 10.1042/BJ20040801</i></p>	P. Claus, A.-F. Bruns and C. Grothe	559–565
<p>Chondroitin 4-sulphotransferase-1 and chondroitin 6-sulphotransferase-1 are affected differently by uronic acid residues neighbouring the acceptor GalNAc residues <i>Published as BJ Immediate Publication 24 August 2004,</i> <i>DOI 10.1042/BJ20040965</i></p>	T. Yamada, S. Ohtake, M. Sato and O. Habuchi	567–575
<p>Probing the active site of YjeE: a vital <i>Escherichia coli</i> protein of unknown function <i>Published as BJ Immediate Publication 23 August 2004,</i> <i>DOI 10.1042/BJ20041082</i></p>	A. Allali-Hassani, T.L. Campbell, A. Ho, J.W. Schertzter and E.D. Brown	577–584
<p>Identification of mRNA that binds to eukaryotic initiation factor 5A by affinity co-purification and differential display <i>Published as BJ Immediate Publication 10 August 2004,</i> <i>DOI 10.1042/BJ20041232</i></p>	A. Xu, D.L.-E. Jao and K.Y. Chen	585–590
<p>Zoledronic acid up-regulates bone sialoprotein expression in osteoblastic cells through Rho GTPase inhibition <i>Published as BJ Immediate Publication 23 August 2004,</i> <i>DOI 10.1042/BJ20040380</i></p>	M. Chaplet, C. Detry, C. Deroanne, L.W. Fisher, V. Castronovo and A. Bellahcène	591–598
<p>Domain-specific characteristics of the bifunctional key enzyme of sialic acid biosynthesis, UDP-<i>N</i>-acetylglucosamine 2-epimerase/<i>N</i>-acetylmannosamine kinase <i>Published as BJ Immediate Publication 26 August 2004,</i> <i>DOI 10.1042/BJ20040917</i></p>	A. Blume, W. Weidemann, U. Stelzl, E.E. Wanker, L. Lucka, P. Donner, W. Reutter, R. Horstkorte and S. Hinderlich	599–607
<p>Expression and refolding of Omp38 from <i>Burkholderia pseudomallei</i> and <i>Burkholderia thailandensis</i>, and its function as a diffusion porin <i>Published as BJ Immediate Publication 26 August 2004,</i> <i>DOI 10.1042/BJ20041102</i></p>	J. Siritapetawee, H. Prinz, C. Krittanai and W. Suginta	609–617
<p>UMP kinase from <i>Streptococcus pneumoniae</i>: evidence for co-operative ATP binding and allosteric regulation <i>Published as BJ Immediate Publication 23 August 2004,</i> <i>DOI 10.1042/BJ20040440</i></p>	F. Fassy, O. Krebs, M. Lowinski, P. Ferrari, J. Winter, V. Collard-Dutilleul and K. Salahbey Hocini	619–627
<p>Inhibition of mitochondrial respiration by nitric oxide rapidly stimulates cytoprotective GLUT3-mediated glucose uptake through 5'-AMP-activated protein kinase <i>Published as BJ Immediate Publication 23 August 2004,</i> <i>DOI 10.1042/BJ20040886</i></p>	P. Ciudad, A. Almeida and J.P. Bolaños	629–636
<p>Farnesol is glucuronidated in human liver, kidney and intestine <i>in vitro</i>, and is a novel substrate for UGT2B7 and UGT1A1 <i>Published as BJ Immediate Publication 23 August 2004,</i> <i>DOI 10.1042/BJ20040997</i></p>	A.G. Staines, P. Sindelar, M.W.H. Coughtrie and B. Burchell	637–645

Molecular cloning and characterization of ZFF29: a protein containing a unique Cys ₂ His ₂ zinc-finger motif <i>Published as BJ Immediate Publication 2 September 2004, DOI 10.1042/BJ20040394</i>	H. Asano, T. Murate, T. Naoe, H. Saito and G. Stamatoyannopoulos	647–653
Correction 'FAS't inhibition of malaria	A. Surolia, T.N.C. Ramya, V. Ramya and N. Surolia (Volume 383, pp. 401–412, 2004)	655