

Reviews

- Signalling specificity of Ser/Thr protein kinases through docking-site-mediated interactions**
Published as BJ Immediate Publication 25 February 2003, DOI 10.1042/BJ20021641
R.M. Biondi and A.R. Nebreda 1–13
- Mammalian molybdo-flavoenzymes, an expanding family of proteins: structure, genetics, regulation, function and pathophysiology**
Published as BJ Immediate Publication 10 February 2003, DOI 10.1042/BJ20030121
E. Garattini, R. Mendel, M.J. Romão, R. Wright and M. Terao 15–32
- Accelerated Publication**
- Monitoring conformational changes of proteins in cells by fluorescence lifetime imaging microscopy
Published as BJ Immediate Publication 27 March 2003, DOI 10.1042/BJ20030358
V. Calleja, S.M. Ameer-Beg, B. Vojnovic, R. Woscholski, J. Downward and B. Larijani 33–40
- Research Papers**
- Hormone-induced modifications of the chromatin structure surrounding upstream regulatory regions conserved between the mouse and rabbit whey acidic protein genes
Published as BJ Immediate Publication 11 February 2003, DOI 10.1042/BJ20021894
B. Millot, L. Montoliu, M.-L. Fontaine, T. Mata and E. Devinoy 41–52
- Synthesis of paucimannose N-glycans by *Caenorhabditis elegans* requires prior actions of UDP-N-acetyl-D-glucosamine:α-3-D-mannoside β1,2-N-acetylglucosaminyltransferase I, α3,6-mannosidase II and a specific membrane-bound β-N-acetylglucosaminidase
Published as BJ Immediate Publication 25 February 2003, DOI 10.1042/BJ20021931
W. Zhang, P. Cao, S. Chen, A.M. Spence, S. Zhu, E. Staudacher and H. Schachter 53–64
- Poly(2-alkylacrylic acid) polymers deliver molecules to the cytosol by pH-sensitive disruption of endosomal vesicles
Published as BJ Immediate Publication 12 February 2003, DOI 10.1042/BJ20021945
R.A. Jones, C.Y. Cheung, F.E. Black, J.K. Zia, P.S. Stayton, A.S. Hoffman and M.R. Wilson 65–75
- Mannose metabolism is required for mycobacterial growth
Published as BJ Immediate Publication 20 February 2003, DOI 10.1042/BJ20021700
J.H. Patterson, R.F. Waller, D. Jeevarajah, H. Billman-Jacobe and M.J. McConville 77–86
- Vertebrate tankyrase domain structure and sterile α motif (SAM)-mediated multimerization
Published as BJ Immediate Publication 17 February 2003, DOI 10.1042/BJ20021450
M. De Rycker, R.N. Venkatesan, C. Wei and C.M. Price 87–96
- Characterization of SUMO-conjugating enzyme mutants in *Schizosaccharomyces pombe* identifies a dominant-negative allele that severely reduces SUMO conjugation
Published as BJ Immediate Publication 21 February 2003, DOI 10.1042/BJ20021645
J.C.Y. Ho and F.Z. Watts 97–104
- Rho family GTPase Rnd2 interacts and co-localizes with *MgcRacGAP* in male germ cells
Published as BJ Immediate Publication 19 February 2003, DOI 10.1042/BJ20021652
N. Naud, A. Touré, J. Liu, C. Pineau, L. Morin, O. Dorseuil, D. Escalier, P. Chardin and G. Gacon 105–112

Phosphorylation induces subtle structural changes in SpoIIAA, a key regulator of sporulation <i>Published as BJ Immediate Publication 13 February 2003, DOI 10.1042/BJ20021748</i>	J. Clarkson, I.D. Campbell and M.D. Yudkin		113–119
Engineered allosteric mutants of the integrin α M β 2 I domain: structural and functional studies <i>Published as BJ Immediate Publication 3 March 2003, DOI 10.1042/BJ20021273</i>	C.J. McCleverty and R.C. Liddington		121–127
Prion peptide induces neuronal cell death through a pathway involving glycogen synthase kinase 3 <i>Published as BJ Immediate Publication 11 February 2003, DOI 10.1042/BJ20021596</i>	M. Pérez, A.I. Rojo, F. Wandosell, J. Díaz-Nido and J. Avila		129–136
Effect of caspase cleavage-site phosphorylation on proteolysis <i>Published as BJ Immediate Publication 17 February 2003, DOI 10.1042/BJ20021901</i>	J. Tózsér, P. Bagossi, G. Zahuczky, S.I. Specht, E. Majerova and T.D. Copeland		137–143
High-mobility group A1 proteins are overexpressed in human leukaemias <i>Published as BJ Immediate Publication 7 February 2003, DOI 10.1042/BJ20021493</i>	G.M. Pierantoni, V. Agosti, M. Fedele, H. Bond, I. Caliendo, G. Chiappetta, F. Lo Coco, F. Pane, M.C. Turco, G. Morrone, S. Venuta and A. Fusco		145–150
Calcium and domain interactions contribute to the thermostability of domains of the multimodular cellobiohydrolase, CbhA, a subunit of the <i>Clostridium thermocellum</i> cellulosome <i>Published as BJ Immediate Publication 5 February 2003, DOI 10.1042/BJ20021621</i>	I.A. Kataeva, V.N. Uversky and L.G. Ljungdahl		151–161
Bidirectional integrin α IIb β 3 signalling regulating platelet adhesion under flow: contribution of protein kinase C <i>Published as BJ Immediate Publication 13 February 2003, DOI 10.1042/BJ20020868</i>	S. Giuliano, W.S. Nesbitt, M. Rooney and S.P. Jackson		163–172
Intracellular metabolism and bioactivity of quercetin and its <i>in vivo</i> metabolites <i>Published as BJ Immediate Publication 11 February 2003, DOI 10.1042/BJ20021972</i>	J.P.E. Spencer, G.G.C. Kuhnle, R.J. Williams and C. Rice-Evans		173–181
Different binding motifs in metabotropic glutamate receptor type 7b for filamin A, protein phosphatase 1C, protein interacting with protein kinase C (PICK) 1 and syntenin allow the formation of multimeric protein complexes <i>Published as BJ Immediate Publication 5 February 2003, DOI 10.1042/BJ20021750</i>	R. Enz and C. Croci		183–191
Differential interaction of the tyrosine phosphatases PTP-SL, STEP and HePTP with the mitogen-activated protein kinases ERK1/2 and p38 α is determined by a kinase specificity sequence and influenced by reducing agents <i>Published as BJ Immediate Publication 13 February 2003, DOI 10.1042/BJ20021941</i>	J.J. Muñoz, C. Tárrega, C. Blanco-Aparicio and R. Pulido		193–201
Increased expression of the lipocalin 24p3 as an apoptotic mechanism for MK886 <i>Published as BJ Immediate Publication 4 March 2003, DOI 10.1042/BJ20021696</i>	Z. Tong, X. Wu and J.P. Kehrer		203–210
Partially esterified oligogalacturonides are the preferred substrates for pectin methylesterase of <i>Aspergillus niger</i> <i>Published as BJ Immediate Publication 17 February 2003, DOI 10.1042/BJ20021471</i>	G.-J.W.M. van Alebeek, K. van Scherpenzeel, G. Beldman, H.A. Schols and A.G.J. Voragen		211–218
Characterization of poultry egg-white avidins and their potential as a tool in pretargeting cancer treatment <i>Published as BJ Immediate Publication 31 January 2003, DOI 10.1042/BJ20021531</i>	V.P. Hytönen, O.H. Laitinen, A. Grapputo, A. Kettunen, J. Savolainen, N. Kalkkinen, A.T. Marttila, H.R. Nordlund, T.K.M. Nyholm, G. Paganelli and M.S. Kulomaa		219–225

Purification and identification of a binding protein for pancreatic secretory trypsin inhibitor: a novel role of the inhibitor as an anti-granzyme A <i>Published as BJ Immediate Publication 19 February 2003, DOI 10.1042/BJ20021891</i>	S. Tsuzuki, Y. Kokado, S. Satomi, Y. Yamasaki, H. Hirayasu, T. Iwanaga and T. Fushiki	227–233
U2 small nuclear ribonucleoprotein particle (snRNP) auxiliary factor of 65 kDa, U2AF ⁶⁵ , can promote U1 snRNP recruitment to 5' splice sites <i>Published as BJ Immediate Publication 31 January 2003, DOI 10.1042/BJ20021202</i>	P. Förch, L. Merendino, C. Martínez and J. Valcárcel	235–240
The role of an evolutionarily conserved <i>cis</i> -proline in the thioredoxin-like domain of human class Alpha glutathione transferase A1-1 <i>Published as BJ Immediate Publication 7 February 2003, DOI 10.1042/BJ20021765</i>	C. Nathaniel, L.A. Wallace, J. Burke and H.W. Dirr	241–246
Transmembrane segments 1, 5, 7 and 8 are required for high-affinity glucose transport by <i>Saccharomyces cerevisiae</i> Hxt2 transporter <i>Published as BJ Immediate Publication 25 February 2003, DOI 10.1042/BJ20030044</i>	T. Kasahara and M. Kasahara	247–252
Expression cloning and characterization of a novel gene that encodes the RNA-binding protein FAU-1 from <i>Pyrococcus furiosus</i> <i>Published as BJ Immediate Publication 4 March 2003, DOI 10.1042/BJ20021968</i>	A. Kanai, H. Oida, N. Matsuura and H. Doi	253–261
SEA (sea-urchin sperm protein, enterokinase and agrin)-module cleavage, association of fragments and membrane targeting of rat intestinal mucin Muc3 <i>Published as BJ Immediate Publication 27 February 2003, DOI 10.1042/BJ20021333</i>	I.A. Khatri, R. Wang and J.F. Forstner	263–270
Activation of C-terminal Src kinase (Csk) by phosphorylation at serine-364 depends on the Csk–Src homology 3 domain <i>Published as BJ Immediate Publication 25 February 2003, DOI 10.1042/BJ20030021</i>	S. Yaqub, H. Abrahamsen, B. Zimmerman, N. Kholod, K.M. Torgersen, T. Mustelin, F.W. Herberg, K. Taskén and T. Vang	271–278