Biochemical Journal Volume 388, part 1 15 May 2005

http://www.BiochemJ.org

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

Accelerated Publication		
Fibulin-5 interacts with fibrillin-1 molecules	L.J. Freeman, A. Lomas, N. Hodson, M.J. Sherratt, K.T. Mellody, A.S. Weiss, A. Shuttleworth and C.M	
and microfibrils Published as BJ Immediate Publication 24 March 2005, DOI 10.1042/BJ20050368	K.T. Mellody, A.S. Welss, A. Shuttleworth and G.W	Noty
Online Commentary		
Spotting new DNA damage-responsive chromatin- binding proteins Published on the Internet 10 May 2005, DOI 10.1042/BJ20050503 (see accompanying paper pp. 7–15)	B.N. Wardleworth and J.A. Downs	e1-e2
Research Papers		
A proteomics approach for the identification of nucleophosmin and heterogeneous nuclear ribonucleoprotein C1/C2 as chromatin-binding proteins in response to DNA double-strand breaks Published as BJ Immediate Publication 1 March 2005, DOI 10.1042/BJ20042033	S.Y. Lee, JH. Park, S. Kim, EJ. Park, Y. Yun and J. Kwon	7–15
Interferon-γ-dependent tyrosine phosphorylation of MEKK4 via Pyk2 is regulated by annexin II and SHP2 in keratinocytes Published as BJ Immediate Publication 16 December 2004, DOI 10.1042/BJ20041236	U.M. Halfter, Z.E. Derbyshire and R.R. Vaillancourt	17–28
Molecular, functional and structural properties of the prolyl oligopeptidase of <i>Trypanosoma cruzi</i> (POP Tc80), which is required for parasite entry into mammalian cells <i>Published as BJ Immediate Publication 7 December 2004, DOI 10.1042/BJ20041049</i>	I.M.D. Bastos, P. Grellier, N.F. Martins, G. Cadavid-Restrepo, M.R. de Souza-Ault, K. Augustyns, A.R.L. Teixeira, J. Schrével, B. Maigret, J.F. da Silveira and J.M. Santana	29-38
Truncated human serum albumin retains general anaesthetic binding activity Published as BJ Immediate Publication 6 January 2005, DOI 10.1042/BJ20041224	R. Liu, J. Yang, CE. Ha, N.V. Bhagavan and R.G. Eckenhoff	39–45
Subcellular distribution of GABA _B receptor homo- and hetero-dimers Published as BJ Immediate Publication 23 December 2004, DOI 10.1042/BJ20041435	JF. Villemure, L. Adam, N.J. Bevan, K. Gearing, S. Chénier and M. Bouvier	47–55
Decreased lipid efflux and increased susceptibility to cholesterol-induced apoptosis in macrophages lacking phosphatidylcholine transfer protein Published as BJ Immediate Publication 4 January 2005, DOI 10.1042/BJ20041899	J.M. Baez, I. Tabas and D.E. Cohen	57–63
Pi class glutathione S-transferase genes are regulated by Nrf2 through an evolutionarily conserved regulatory element in zebrafish Published as BJ Immediate Publication 17 January 2005, DOI 10.1042/BJ20041860	T. Suzuki, Y. Takagi, H. Osanai, L. Li, M. Takeuchi, Y. Katoh, M. Kobayashi and M. Yamamoto	65–73
Self-assembly of SNARE fusion proteins into star-shaped oligomers Published on the Internet 10 May 2005, DOI 10.1042/BJ20041818	C. Rickman, K. Hu, J. Carroll and B. Davletov	75-79 Online date
Plasmin alters the activity and quaternary structure of human plasma carboxypeptidase N Published as BJ Immediate Publication 23 December 2004, DOI 10.1042/BJ20041471	M.O. Quagraine, F. Tan, H. Tamei, E.G. Erdös and R.A. Skidgel	81–91
Cellular factors required for protection from hyperoxia toxicity in Saccharomyces cerevisiae Published as BJ Immediate Publication 10 January 2005.	C.E. Outten, R.L. Falk and V.C. Culotta	93-101

Published as BJ Immediate Publication 10 January 2005, DOI 10.1042/BJ20041914

Internalization and trafficking of guanylyl (guanylate) cyclase/natriuretic peptide receptor A is regulated by an acidic tyrosine-based cytoplasmic motif GDAY Published as BJ Immediate Publication 1 December 2004, DOI 10.1042/BJ20041250	K.N. Pandey, H.T. Nguyen, R. Garg, M.L. Khurana and J. Fink	103–113
N-linked oligosaccharides are required to produce and stabilize the active form of chondroitin 4-sulphotransferase-1 Published as BJ Immediate Publication 4 January 2005, DOI 10.1042/BJ20041573	A. Yusa, K. Kitajima and O. Habuchi	115–121
Kinetic isotope effects and ligand binding in PQQ-dependent methanol dehydrogenase Published as BJ Immediate Publication 23 December 2004, DOI 10.1042/BJ20041731	P. Hothi, M.J. Sutcliffe and N.S. Scrutton	123–133
Characterization of human SCD2, an oligomeric desaturase with improved stability and enzyme activity by cross-linking in intact cells Published as BJ Immediate Publication 20 December 2004, DOI 10.1042/BJ20041554	S. Zhang, Y. Yang and Y. Shi	135–142
IRP1 Ser-711 is a phosphorylation site, critical for regulation of RNA-binding and aconitase activities Published as BJ Immediate Publication 7 January 2005, DOI 10.1042/BJ20041623	C. Fillebeen, A. Caltagirone, A. Martelli, JM. Moulis and K. Pantopoulos	143–150
LEA proteins prevent protein aggregation due to water stress Published as BJ Immediate Publication 4 January 2005, DOI 10.1042/BJ20041931	K. Goyal, L.J. Walton and A. Tunnacliffe	151–157
Synthesis and assembly of thylakoid protein complexes: multiple assembly steps of photosystem II Published as BJ Immediate Publication 7 January 2005, DOI 10.1042/BJ20042098	A. Rokka, M. Suorsa, A. Saleem, N. Battchikova and EM. Aro	159–168
Inositol phosphoceramide synthase is a regulator of intracellular levels of diacylglycerol and ceramide during the G_1 to S transition in Saccharomyces cerevisiae Published as BJ Immediate Publication 24 November 2004, DOI 10.1042/BJ20040475	J. Cerbón, A. Falcon, C. Hernández-Luna and D. Segura-Cobos	169–176
Interactions between Cdc42 and the scaffold protein Scd2: requirement of SH3 domains for GTPase binding Published as BJ Immediate Publication 5 January 2005, DOI 10.1042/BJ20041838	E. Wheatley and K. Rittinger	177–184
Growth-factor-dependent phosphorylation of Bim in mitosis Published as BJ Immediate Publication 14 January 2005, DOI 10.1042/BJ20041385	M. Grãos, A.D. Almeida and S. Chatterjee	185–194
Molecular and genetic characterization of the interactions between the <i>Drosophila</i> stoned-B protein and DAP-160 (intersectin) Published as BJ Immediate Publication 4 January 2005, DOI 10.1042/BJ20041797	L.E. Kelly and A.M. Phillips	195–204
Molecular evidence that melatonin is enzymatically oxidized in a different manner than tryptophan: investigations with both indoleamine 2,3-dioxygenase and myeloperoxidase Published as BJ Immediate Publication 7 January 2005, DOI 10.1042/BJ20042075	G. Ferry, C. Ubeaud, PH. Lambert, S. Bertin, F. Cogé, P. Chomarat, P. Delagrange, B. Serkiz, JP. Bouchet, R.J.W. Truscott and J.A. Boutin	205–215
The transcriptional co-activator TAZ interacts differentially with transcriptional enhancer factor-1 (TEF-1) family members Published as BJ Immediate Publication 4 January 2005, DOI 10.1042/BJ20041434	W.M. Mahoney, Jr, JH. Hong, M.B. Yaffe and I.K.G. Farrance	217–225
Regulatory sequence responsible for insulin destabilization of cytochrome P450 2B1 (CYP2B1) mRNA Published as BJ Immediate Publication 23 December 2004, DOI 10.1042/BJ20041510	NT. Truong, A. Moncion, R. Barouki, P. Beaune and I. de Waziers	227–235
Evidence against reciprocal regulation of Ca2+ entry by vasopressin in A7r5 rat aortic smooth-muscle cells Published as BJ Immediate Publication 17 December 2004, DOI 10.1042/BJ20041360	L.I. Brueggemann, D.R. Markun, J.A. Barakat, H. Chen and K.L. Byron	237–244
A mammalian fatty acid hydroxylase responsible for the formation of α -hydroxylated galactosylceramide in myelin Published as BJ Immediate Publication 20 January 2005, DOI 10.1042/BJ20041451	M. Eckhardt, A. Yaghootfam, S.N. Fewou, I. Zöller and V. Gieselmann	245–254
Flexibility in substrate recognition by thimet oligopeptidase as revealed by denaturation studies Published as BJ Immediate Publication 13 January 2005, DOI 10.1042/BJ20041481	J.A. Sigman, T.H. Patwa, A.V. Tablante, C.D. Joseph, M.J. Glucksman and A.J. Wolfson	255–261

	Conten	ts v
An unusual fold for potassium channel blockers: NMR structure of three toxins from the scorpion Opisthacanthus madagascariensis Published as BJ Immediate Publication 5 January 2005, DOI 10.1042/BJ20041705	B. Chagot, C. Pimentel, L. Dai, J. Pil, J. Tytgat, T. Nakajima, G. Corzo, H. Darbon and G. Ferrat	263–271
Muscle endopin 1, a muscle intracellular serpin which strongly inhibits elastase: purification, characterization, cellular localization and tissue distribution <i>Published as BJ Immediate Publication 13 January 2005, DOI 10.1042/BJ20041921</i>	C. Tassy, C.H. Herrera-Mendez, M.A. Sentandreu, L. Aubry, L. Brémaud, P. Pélissier, D. Delourme, M. Brillard, F. Gauthier, H. Levéziel and A. Ouali	273–280
Characterization of two novel pacifastin-like peptide precursor isoforms in the desert locust (<i>Schistocerca gregaria</i>): cDNA cloning, functional analysis and real-time RT-PCR gene expression studies <i>Published as BJ Immediate Publication 4 January 2005</i> , <i>DOI 10.1042/BJ20041414</i>	G. Simonet, B. Breugelmans, P. Proost, I. Claeys, J. Van Damme, A. De Loof and J. Vanden Broeck	281–289
Role of <i>cis</i> -acting elements in the control of SERCA2b Ca ²⁺ pump mRNA decay by nuclear proteins <i>Published as BJ Immediate Publication 19 January 2005, DOI 10.1042/BJ20041568</i>	C.M. Misquitta, P. Ghosh, J. Mwanjewe and A.K. Grover	291–297
A new class of glutathione S-transferase from the hepatopancreas of the red sea bream <i>Pagrus major Published as BJ Immediate Publication 20 December 2004, DOI 10.1042/BJ20041578</i>	T. Konishi, K. Kato, T. Araki, K. Shiraki, M. Takagi and Y. Tamaru	299–307
Sodium-coupled and electrogenic transport of B-complex vitamin nicotinic acid by slc5a8, a member of the Na/glucose co-transporter gene family Published as BJ Immediate Publication 14 January 2005, DOI 10.1042/BJ20041916	E. Gopal, YJ. Fei, S. Miyauchi, L. Zhuang, P.D. Prasad and V. Ganapathy	309–316
Role of the ERC motif in the proximal part of the second intracellular loop and the C-terminal domain of the human prostaglandin $F_{2\alpha}$ receptor (hFP-R) in G-protein coupling control <i>Published as BJ Immediate Publication 14 January 2005, DOI 10.1042/BJ20041321</i>	A. Pathe-Neuschäfer-Rube, F. Neuschäfer-Rube and G.P. Püschel	317–324
Negative autoregulation of HNF- 4α gene expression by HNF- 4α 1 Published as BJ Immediate Publication 14 January 2005, DOI 10.1042/BJ20041802	J. Magenheim, R. Hertz, I. Berman, J. Nousbeck and J. Bar-Tana	325–332
Cyclic nucleotide phosphodiesterases in Drosophila melanogaster Published as BJ Immediate Publication 27 January 2005, DOI 10.1042/BJ20050057	J.P. Day, J.A.T. Dow, M.D. Houslay and SA. Davies	333–342
Identification and characterization of a second 4,4'-dibenzamido-2,2'-stilbenedisulphonate (DBDS)-binding site on band 3 and its relationship with the anion/proton co-transport function Published as BJ Immediate Publication 13 January 2005, DOI 10.1042/BJ20041211	J.M. Salhany, K.S. Cordes and R.L. Sloan	343–353
Amino acids in the pore region of Kv1 potassium channels dictate cell-surface protein levels: a possible trafficking code in the Kv1 subfamily Published as BJ Immediate Publication 7 January 2005, DOI 10.1042/BJ20041447	J. Zhu, B. Gomez, I. Watanabe and W.B. Thornhill	355–362
Quantification of endogenous retinoic acid in limited biological samples by LC/MS/MS Published as BJ Immediate Publication 4 January 2005, DOI 10.1042/BJ20041867	M.A. Kane, N. Chen, S. Sparks and J.L. Napoli	363-369
Separation of native prion protein (PrP) glycoforms by copper-binding using immobilized metal affinity chromatography (IMAC) Published as BJ Immediate Publication 19 January 2005, DOI 10.1042/BJ20041291	H. Müller, A. Strom, G. Hunsmann and A.W. Stuke	371–378
Arginine methylation regulates IL-2 gene expression: a role for protein arginine methyltransferase 5 (PRMT5) Published as BJ Immediate Publication 18 January 2005, DOI 10.1042/BJ20040373	S. Richard, M. Morel and P. Cléroux	379–386
Residue 234 in glutathione transferase T1-1 plays a pivotal role in the catalytic activity and the selectivity against alternative substrates <i>Published as BJ Immediate Publication 31 January 2005, DOI 10.1042/BJ20042064</i>	A. Shokeer, AK. Larsson and B. Mannervik	387–392