

Biochemical Journal
Volume 354, part 2
1 March 2001

First published on the Internet
22 February 2001
<http://www.BiochemJ.org>

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

Research Papers

Anginex, a designed peptide that inhibits angiogenesis	A.W. Griffioen, D.W.J. van der Schaft, A.F. Barendsz-Janson, A. Cox, H.A.J. Struijker Boudier, H.F.P. Hillen and K.H. Mayo	233–242
<i>Drosophila</i> mitochondrial transcription factor A (<i>d</i> -TFAM) is dispensable for the transcription of mitochondrial DNA in Kc167 cells	A. Goto, Y. Matsushima, T. Kadokawa and Y. Kitagawa	243–248
Characterization of KIAA1427 protein as an atypical synaptotagmin (Syt XIII)	M. Fukuda and K. Mikoshiba	249–257
Spin-system heterogeneities indicate a selected-fit mechanism in fatty acid binding to heart-type fatty acid-binding protein (H-FABP)	C. Lücke, M. Rademacher, A.W. Zimmerman, H.T.B. van Moerkerk, J.H. Veerkamp and H. Rüterjans	259–266
Myosin VIIA is specifically associated with calmodulin and microtubule-associated protein-2B (MAP-2B)	P.T. Todorov, R.E. Hardisty and S.D.M. Brown	267–274
Post-translational modifications of the β -1 subunit of AMP-activated protein kinase affect enzyme activity and cellular localization	S.M. Warden, C. Richardson, J. O'Donnell, Jr, D. Stapleton, B.E. Kemp and L.A. Witters	275–283
Evidence that 2-aminoethyl diphenylborate is a novel inhibitor of store-operated Ca^{2+} channels in liver cells, and acts through a mechanism which does not involve inositol trisphosphate receptors	R.B. Gregory, G. Rychkov and G.J. Barritt	285–290
Structural characterization and thermal stability of <i>Notothenia coriiceps</i> metallothionein	S. D'Auria, V. Carginale, R. Scudiero, O. Crescenzi, D. Di Maro, P.A. Temussi, E. Parisi and C. Capasso	291–299
Activity of hepatocyte nuclear factor 1 α and hepatocyte nuclear factor 1 β isoforms is differently affected by the inhibition of protein phosphatases 1/2A	V. Carrière, M. Lacasa and M. Rousset	301–308
Preparation of anhydrothrombin and characterization of its interaction with natural thrombin substrates	K. Hosokawa, T. Ohnishi, M. Shima, M. Nagata and T. Koide	309–313
Src homology 3 domain-dependent interaction of Nck-2 with insulin receptor substrate-1	Y. Tu, L. Liang, S.J. Frank and C. Wu	315–322
GLUT4 vesicle trafficking in rat adipocytes after ethanol feeding: regulation by heterotrimeric G-proteins	L.A. Poirier, N. Rachdaoui and L.E. Nagy	323–330
Role of complex asparagine-linked oligosaccharides in the expression of a functional thyrotropin receptor	S. Siffroi-Fernandez, S. Costagliola, S. Paumel, A. Giraud, J.P. Banga and J.-L. Franc	331–336
Selective inactivation of guanine-nucleotide-binding regulatory protein (G-protein) α and $\beta\gamma$ subunits by urea	W.K. Lim and R.R. Neubig	337–344
Methyl pyruvate initiates membrane depolarization and insulin release by metabolic factors other than ATP	N. Lembert, H.C. Joos, L.-Å. Idahl, H.P.T. Ammon and M.A. Wahl	345–350
Bi-directional effects of the elevation of intracellular calcium on the expression of inducible nitric oxide synthase in J774 macrophages exposed to low and to high concentrations of endotoxin	R. Korhonen, H. Kankaanranta, A. Lahti, M. Lähde, R.G. Knowles and E. Moilanen	351–358
Ceramide dissociates 3'-phosphoinositide production from pleckstrin homology domain translocation	S. Stratford, D.B. DeWald and S.A. Summers	359–368



Interaction of phospholipase D1 with a casein-kinase-2-like serine kinase	I.G. Ganley, S.J. Walker, M. Manifava, D. Li, H.A. Brown and N.T. Ktistakis	369–378
Characterization of a cDNA encoding a novel avian hypothalamic neuropeptide exerting an inhibitory effect on gonadotropin release	H. Satake, M. Hisada, T. Kawada, H. Minakata, K. Ukena and K. Tsutsui	379–385
A member of the nuclear factor-1 family is involved in the pituitary repression of the human placental growth hormone genes	L.D. Norquay, Y. Jin, R.M. Surabhi, R.D. Gietz, N. Tanese and P.A. Cattini	387–395
Nitric oxide-dependent pro-oxidant and pro-apoptotic effect of metallothioneins in HL-60 cells challenged with cupric nitrilotriacetate	S.-X. Liu, K. Kawai, V.A. Tyurin, Y.Y. Tyurina, G.G. Borisenko, J.P. Fabisik, P.J. Quinn, B.R. Pitt and V.E. Kagan	397–406
Site-directed mutations in the mitochondrial encoded subunits I and III of yeast cytochrome oxidase	B. Meunier	407–412
Characterization and mapping of the 12 kDa FK506-binding protein (FKBP12)-binding site on different isoforms of the ryanodine receptor and of the inositol 1,4,5-trisphosphate receptor	G. Bultyncx, P. De Smet, D. Rossi, G. Callewaert, L. Missiaen, V. Sorrentino, H. De Smedt and J.B. Parys	413–422
Spectral and metal-binding properties of three single-point tryptophan mutants of the human transferrin N-lobe	Q.-Y. He, A.B. Mason, B.A. Lyons, B.M. Tam, V. Nguyen, R.T.A. MacGillivray and R.C. Woodworth	423–429
Transcription factor AP-4 is a ligand for immunoglobulin- κ promoter E-box elements	A. Aranburu, R. Carlsson, C. Persson and T. Leanderson	431–438
Interleukin-1 β enhances bradykinin-induced phosphoinositide hydrolysis and Ca $^{2+}$ mobilization in canine tracheal smooth-muscle cells: involvement of the Ras/Raf/mitogen-activated protein kinase (MAPK) kinase (MEK)/MAPK pathway	C.-M. Yang, C.-S. Chien, C.-C. Wang, Y.-M. Hsu, C.-T. Chiu, C.-C. Lin, S.-F. Luo and L.-D. Hsiao	439–446
Aggregation-independent modulation of proteoglycan binding by neutralization of C-terminal acidic residues in the chemokine macrophage inflammatory protein 1 α	K. Ottersbach and G.J. Graham	447–453
Active-site characterization of <i>Candida boidinii</i> formate dehydrogenase	N.E. Labrou and D.J. Rigden	455–463
Identification of an extracellular segment of the oxytocin receptor providing agonist-specific binding epitopes	S.R. Hawtin, H.C. Howard and M. Wheatley	465–472
Inositol phosphates from barley low-phytate grain mutants analysed by metal-dye detection HPLC and NMR	F. Hatzack, F. Hübel, W. Zhang, P.E. Hansen and S.K. Rasmussen	473–480