

# Biochemical Journal

Volume 383, part 2

15 October 2004

<http://www.BiochemJ.org>

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

## Research Papers

Targeting the A site RNA of the <i>Escherichia coli</i> ribosomal 30 S subunit by 2'-O-methyl oligoribonucleotides: a quantitative equilibrium dialysis binding assay and differential effects of aminoglycoside antibiotics <i>Published as BJ Immediate Publication 4 August 2004, DOI 10.1042/BJ20040246</i>	A. Abelian, A.P. Walsh, G. Lentzen, F. Aboul-Ela and M.J. Gait	201–208
Upstream stimulatory factors, USF1 and USF2, bind to the human haem oxygenase-1 proximal promoter <i>in vivo</i> and regulate its transcription <i>Published as BJ Immediate Publication 9 July 2004, DOI 10.1042/BJ20040794</i>	T.D. Hock, H.S. Nick and A. Agarwal	209–218
Development of a chimaeric receptor approach to study signalling by tumour necrosis factor receptor family members <i>Published as BJ Immediate Publication 14 July 2004, DOI 10.1042/BJ20040961</i>	D. Xu, Z. Shi, J. McDonald, G. Pan, X. Cao, X. Yu and X. Feng	219–225
C-terminus of mitotic centromere-associated kinesin (MCAK) inhibits its lattice-stimulated ATPase activity <i>Published as BJ Immediate Publication 14 July 2004, DOI 10.1042/BJ20040736</i>	A. Moore and L. Wordeman	227–235
Vectorial proteomics reveal targeting, phosphorylation and specific fragmentation of polymerase I and transcript release factor (PTRF) at the surface of caveolae in human adipocytes <i>Published as BJ Immediate Publication 9 July 2004, DOI 10.1042/BJ20040647</i>	N. Aboulaich, J.P. Vainonen, P. Strålfors and A.V. Vener	237–248
Roles of USF, Ikaros and Sp proteins in the transcriptional regulation of the human reduced folate carrier B promoter <i>Published as BJ Immediate Publication 24 June 2004, DOI 10.1042/BJ20040414</i>	M. Liu, J.R. Whetstine, S.G. Payton, Y. Ge, R.M. Flatley and L.H. Matherly	249–257
Protein arginine methylation during lytic adenovirus infection <i>Published as BJ Immediate Publication 9 July 2004, DOI 10.1042/BJ20040210</i>	J. Kzhyshkowska, E. Kremmer, M. Hofmann, H. Wolf and T. Dobner	259–265
Phosphorylation of androgen receptor isoforms <i>Published as BJ Immediate Publication 8 July 2004, DOI 10.1042/BJ20040683</i>	H.Y. Wong, J.A. Burghoorn, M. van Leeuwen, P.E. de Ruiter, E. Schippers, L.J. Blok, K.W. Li, H.L. Dekker, L. de Jong, J. Trapman, J.A. Grootegoed and A.O. Brinkmann	267–276
Stabilization of model membranes during drying by compatible solutes involved in the stress tolerance of plants and microorganisms <i>Published as BJ Immediate Publication 30 June 2004, DOI 10.1042/BJ20040746</i>	D.K. Hinch and M. Hagemann	277–283

Protein disulphide-isomerase reduces ricin to its A and B chains in the endoplasmic reticulum <i>Published as BJ Immediate Publication 30 June 2004, DOI 10.1042/BJ20040742</i>	R.A. Spooner, P.D. Watson, C.J. Marsden, D.C. Smith, K.A.H. Moore, J.P. Cook, J.M. Lord and L.M. Roberts	285–293
Opposing actions of cellular retinol-binding protein and alcohol dehydrogenase control the balance between retinol storage and degradation <i>Published as BJ Immediate Publication 14 June 2004, DOI 10.1042/BJ20040621</i>	A. Molotkov, N.B. Ghyselinck, P. Chambon and G. Duester	295–302
Copper homoeostasis in <i>Drosophila melanogaster</i> S2 cells <i>Published as BJ Immediate Publication 7 July 2004, DOI 10.1042/BJ20040745</i>	A. Southon, R. Burke, M. Norgate, P. Batterham and J. Camakaris	303–309
Comparative biochemical analysis of three bacterial prolyl endopeptidases: implications for coeliac sprue <i>Published as BJ Immediate Publication 12 July 2004, DOI 10.1042/BJ20040907</i>	L. Shan, T. Marti, L.M. Sollid, G.M. Gray and C. Khosla	311–318
Two related ARID family proteins are alternative subunits of human SWI/SNF complexes <i>Published as BJ Immediate Publication 1 June 2004, DOI 10.1042/BJ20040524</i>	X. Wang, N.G. Nagl, Jr, D. Wilsker, M. Van Scoy, S. Pacchione, P. Yaciuk, P.B. Dallas and E. Moran	319–325
Hazelnut ( <i>Corylus avellana</i> ) vicilin Cor a 11: molecular characterization of a glycoprotein and its allergenic activity <i>Published as BJ Immediate Publication 5 July 2004, DOI 10.1042/BJ20041062</i>	I. Lauer, K. Foetisch, D. Kolarich, B.K. Ballmer-Weber, A. Conti, F. Altmann, S. Vieths and S. Scheurer	327–334
The human multidrug-resistance-associated protein MRP1 mediates ATP-dependent transport of unconjugated bilirubin <i>Published as BJ Immediate Publication 8 July 2004, DOI 10.1042/BJ20040599</i>	I. Rigato, L. Pascolo, C. Ferneti, J.D. Ostrow and C. Tiribelli	335–341
Substrate specificity of <i>Helicobacter pylori</i> histone-like HU protein is determined by insufficient stabilization of DNA flexure points <i>Published as BJ Immediate Publication 16 July 2004, DOI 10.1042/BJ20040938</i>	C. Chen, S. Ghosh and A. Grove	343–351
Dual sensitivity of sarcoplasmic/endoplasmic Ca <sup>2+</sup> -ATPase to cytosolic and endoplasmic reticulum Ca <sup>2+</sup> as a mechanism of modulating cytosolic Ca <sup>2+</sup> oscillations <i>Published as BJ Immediate Publication 20 July 2004, DOI 10.1042/BJ20040629</i>	K. Yano, O.H. Petersen and A.V. Tepikin	353–360
Anti-apoptotic protein Bcl-2 interacts with and destabilizes the sarcoplasmic/endoplasmic reticulum Ca <sup>2+</sup> -ATPase (SERCA) <i>Published as BJ Immediate Publication 12 July 2004, DOI 10.1042/BJ20040187</i>	E.S. Dremina, V.S. Sharov, K. Kumar, A. Zaidi, E.K. Michaelis and C. Schöneich	361–370
The strong efficiency of the <i>Escherichia coli gapA</i> P1 promoter depends on a complex combination of functional determinants <i>Published as BJ Immediate Publication 14 July 2004, DOI 10.1042/BJ20040792</i>	B. Thouvenot, B. Charpentier and C. Branlant	371–382



---

Requirement of different mitochondrial targeting sequences of the yeast mitochondrial transcription factor Mtf1p when synthesized in alternative translation systems <i>Published as BJ Immediate Publication 16 July 2004, DOI 10.1042/BJ20040691</i>	T.K. Biswas and G.S. Getz	<b>383–391</b>
Sp1 and Smad transcription factors co-operate to mediate TGF- $\beta$ -dependent activation of amyloid- $\beta$ precursor protein gene transcription <i>Published as BJ Immediate Publication 9 July 2004, DOI 10.1042/BJ20040682</i>	F. Docagne, C. Gabriel, N. Lebeurrier, S. Lesné, Y. Hommet, L. Plawinski, E.T. MacKenzie and D. Vivien	<b>393–399</b>