



1906–2006
Centenary

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

Biochemical Journal

Volume 398, part 2
1 September 2006

<http://www.BiochemJ.org>

Review

Regulatory circuits controlling white versus brown adipocyte differentiation

Published on the Internet 15 August 2006,
doi:10.1042/BJ20060402

J.B. Hansen and K. Kristiansen

153–168

Research Papers

Identification and functional characterization of hCLS1, a human cardiolipin synthase localized in mitochondria

Published as BJ Immediate Publication 23 May 2006,
doi:10.1042/BJ20060303

Identification of three crucial histidine residues (His¹¹⁵, His¹³² and His²⁹⁷) in porcine deoxyribonuclease II

Published as BJ Immediate Publication 31 May 2006,
doi:10.1042/BJ20060564

Saccharomyces cerevisiae cells have three Omega class glutathione S-transferases acting as 1-Cys thiol transferases

Published as BJ Immediate Publication 18 May 2006,
doi:10.1042/BJ20060034

Evidence for inactivation of cysteine proteases by reactive carbonyls via glycation of active site thiols

Published as BJ Immediate Publication 4 May 2006,

doi:10.1042/BJ20060019

A novel Δ⁹ acyl-lipid desaturase, DesC2, from cyanobacteria acts on fatty acids esterified to the *sn*-2 position of glycerolipids

Published as BJ Immediate Publication 11 May 2006,

doi:10.1042/BJ20060039

The histone acetyltransferases CBP/p300 are degraded in NIH 3T3 cells by activation of Ras signalling pathway

Published as BJ Immediate Publication 17 May 2006,

doi:10.1042/BJ20060052

Endogenous ADP-ribose enables calcium-regulated cation currents through TRPM2 channels in neutrophil granulocytes

Published as BJ Immediate Publication 9 May 2006,

doi:10.1042/BJ20060183

Novel genes encoding six kinds of three-finger toxins in *Ophiophagus hannah* (king cobra) and function characterization of two recombinant long-chain neurotoxins

Published as BJ Immediate Publication 12 May 2006,

doi:10.1042/BJ20060004

Ras activation in response to phorbol ester proceeds independently of the EGFR via an unconventional nucleotide-exchange factor system in COS-7 cells

Published as BJ Immediate Publication 18 May 2006,

doi:10.1042/BJ20060160

D. Chen, X.-Y. Zhang and Y. Shi

169–176

Y.-C. Cheng, C.-C. Hsueh, S.-C. Lu and T.-H. Liao

177–185



A. Garcerá, L. Barreto, L. Piedrafita, J. Tamarit and E. Herrero

187–196

J. Zeng, R.A. Dunlop, K.J. Rodgers and M.J. Davies

197–206

S. Chintalapati, J.S.S. Prakash, P. Gupta, S. Ohtani, I. Suzuki, T. Sakamoto, N. Murata and S. Shivaji

207–214

S. Sánchez-Molina, J.L. Oliva, S. García-Vargas, E. Valls, J.M. Rojas and M.A. Martínez-Balbás

215–224

I. Heiner, J. Eisfeld, M. Warnstedt, N. Radukina, E. Jüngling and A. Lückhoff

225–232



J. Li, H. Zhang, J. Liu and K. Xu

233–242

I. Rubio, K. Rennert, U. Wittig, K. Beer, M. Dürst, S.L. Stang, J. Stone and R. Wetzker

243–256

Polyamine-modulated c-Myc expression in normal intestinal epithelial cells regulates p21Cip1 transcription through a proximal promoter region <i>Published as BJ Immediate Publication 17 May 2006,</i> doi:10.1042/BJ20060217	L. Liu, X. Guo, J.N. Rao, T. Zou, B.S. Marasa, J. Chen, J. Greenspon, R.A. Casero, Jr and J.-Y. Wang	257-267
The tert-butylhydroquinone-mediated activation of the human thioredoxin gene reveals a novel promoter structure <i>Published as BJ Immediate Publication 22 May 2006,</i> doi:10.1042/BJ20060076	S.A. Osborne, H.-J.K. Hawkes, B.L. Baldwin, K.A. Alexander, T. Svingen, F.M. Clarke and K.F. Tonissen	269-277
Inhibition of MEK/ERK1/2 signalling alters endothelial nitric oxide synthase activity in an agonist-dependent manner <i>Published as BJ Immediate Publication 23 May 2006,</i> doi:10.1042/BJ20060371	J.M. Cale and I.M. Bird	279-288
Nucleotides bind to the C-terminus of CIC-5 <i>Published as BJ Immediate Publication 11 May 2006,</i> doi:10.1042/BJ20060142	L. Wellhauser, H.-H. Kuo, F.L.L. Stratford, M. Ramjee singh, L.-J. Huan, W. Luong, C. Li, C.M. Deber and C.E. Bear	289-294
Lopap, a prothrombin activator from <i>Lonomia obliqua</i> belonging to the lipocalin family: recombinant production, biochemical characterization and structure-function insights <i>Published as BJ Immediate Publication 31 May 2006,</i> doi:10.1042/BJ20060325	C.V. Reis, S.A. Andrade, O.H.P. Ramos, C.R.R. Ramos, P.L. Ho, I. de F.C. Batista and A.M. Chudzinski-Tavassi	295-302
Novel transcripts of <i>Nox1</i> are regulated by alternative promoters and expressed under phenotypic modulation of vascular smooth muscle cells <i>Published as BJ Immediate Publication 26 May 2006,</i> doi:10.1042/BJ20060300	N. Arakawa, M. Katsuyama, K. Matsuno, N. Urao, Y. Tabuchi, M. Okigaki, H. Matsubara and C. Yabe-Nishimura	303-310
Phosphorylation of hepatitis B virus Cp at Ser ⁸⁷ facilitates core assembly <i>Published as BJ Immediate Publication 2 June 2006,</i> doi:10.1042/BJ20060347	H.Y. Kang, S. Lee, S.G. Park, J. Yu, Y. Kim and G. Jung	311-317



279-288



295-302



303-310