1-12

13-27

e1-e3

29-37

39-47

49-60

61-71

73-80

BJ

BIOCHEMICAL JOURNAL

Volume 418, part 1

15 February 2009

http://www.BiochemJ.org

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

п	~	: ~.	
n	ev	ı٤١	NS

Insulin/IGF-like signalling, the central nervous system and aging

Published on the Internet 28 January 2009, doi:10.1042/BJ20082102

Mechanisms of chemokine and antigen-dependent T-lymphocyte navigation

Published on the Internet 28 January 2009, doi:10.1042/BJ20081969

Online Commentary

A role for the syntaxin N-terminus Published on the Internet 28 January 2009, doi:10.1042/BJ20082389 (see accompanying paper, pp. 73–80)

Research Papers

Increased levels of superoxide and $\rm H_2O_2$ mediate the differential susceptibility of cancer cells versus normal cells to glucose deprivation *Published as BJ Immediate Publication 21 October 2008, doi:10.1042/BJ20081258*

Structural analysis of a glycoside hydrolase family 43 arabinoxylan arabinofuranohydrolase in complex with xylotetraose reveals a different binding mechanism compared with other members of the same family

Published as BJ Immediate Publication 4 November 2008, doi:10.1042/BJ20081256

Molecular characterization of the TonB2 protein from the fish pathogen *Vibrio anguillarum Published as BJ Immediate Publication 30 October 2008,* doi:10.1042/BJ20081462

The selenocysteine tRNA STAF-binding region is essential for adequate selenocysteine tRNA status, selenoprotein expression and early age survival of mice

Published as BJ Immediate Publication 30 October 2008, doi:10.1042/BJ20081304

Binding of UNC-18 to the N-terminus of syntaxin is essential for neurotransmission in *Caenorhabditis elegans*

Published as BJ Immediate Publication 25 November 2008, doi:10.1042/BJ20081956

Determinants for chromogranin A sorting into the regulated secretory pathway are also sufficient to generate granule-like structures in non-endocrine cells

Published as BJ Immediate Publication 29 October 2008, doi:10.1042/BJ20071382

Phosphorylation of cardiac troponin I by mammalian sterile 20-like kinase 1

Published as R.I. Immediate Publication 5 November 2008

Published as BJ Immediate Publication 5 November 2008, doi:10.1042/BJ20081340

S. Broughton and L. Partridge

S.G. Ward and F.M. Marelli-Berg

M. Munson and N.J. Bryant

N. Aykin-Burns, I.M. Ahmad, Y. Zhu, L.W. Oberley and D.R. Spitz

E. Vandermarliere, T.M. Bourgois, M.D. Winn, S. Van Campenhout, G. Volckaert, J.A. Delcour, S.V. Strelkov, A. Rabijns and C.M. Courtin

C.S. López, R.S. Peacock, J.H. Crosa and H.J. Vogel

B.A. Carlson, U. Schweizer, C. Perella, R.K. Shrimali, L. Feigenbaum, L. Shen, S. Speransky, T. Floss, S.-J. Jeong, J. Watts, V. Hoffmann, G.F. Combs, Jr, V.N. Gladyshev and D.L. Hatfield

J.R. Johnson, P. Ferdek, L.-Y. Lian, J.W. Barclay, R.D. Burgoyne and A. Morgan

onli







81-91

H. Stettler, N. Beuret, C. Prescianotto-Baschong, B. Fayard, L. Taupenot and M. Spiess

B. You, G. Yan, Z. Zhang, L. Yan, J. Li, Q. Ge, J.-P. Jin and J. Sun



93-101

Netropsin improves survival from endotoxaemia by disrupting HMGA1 binding to the NOS2 promoter Published as BJ Immediate Publication 21 October 2008, doi:10.1042/BJ20081427	M.A. Grant, R.M. Baron, A.A. Macias, M.D. Layne, M.A. Perrella and A.C. Rigby	online data	103–112
The transporter CefM involved in translocation of biosynthetic intermediates is essential for cephalosporin production Published as BJ Immediate Publication 8 October 2008, doi:10.1042/BJ20081180	F. Teijeira, R.V. Ullán, S.M. Guerra, C. García-Estrada, I. Vaca and J.F. Martín		113–124
Characterization of SCaMC-3-like/slc25a41, a novel calcium-independent mitochondrial ATP-Mg/P _i carrier Published as BJ Immediate Publication 17 October 2008, doi:10.1042/BJ20081262	J. Traba, J. Satrústegui and A. del Arco	online data	125–133
The lack of rhodanese RhdA affects the sensitivity of Azotobacter vinelandii to oxidative events Published as BJ Immediate Publication 17 October 2008, doi:10.1042/BJ20081218	A. Cereda, A. Carpen, G. Picariello, G. Tedeschi and S. Pagani		135–143
Comparative analysis of CAX2-like cation transporters indicates functional and regulatory diversity Published as BJ Immediate Publication 24 October 2008, doi:10.1042/BJ20081814	C. Edmond, T. Shigaki, S. Ewert, M.D. Nelson, J.M. Connorton, V. Chalova, Z. Noordally and J.K. Pittman	online date	145–154
A common African polymorphism abolishes tyrosine sulfation of human anionic trypsinogen (PRSS2) Published as BJ Immediate Publication 6 November 2008, doi:10.1042/BJ20081848	Z. Rónai, H. Witt, O. Rickards, G. Destro-Bisol, A.R.M. Bradbury and M. Sahin-Tóth	online data	155–161
Rab11 regulates the recycling of the β_2 -adrenergic receptor through a direct interaction Published as BJ Immediate Publication 4 November 2008, doi:10.1042/BJ20080867	A. Parent, E. Hamelin, P. Germain and JL. Parent		163–172
Paxillin nuclear-cytoplasmic localization is regulated by phosphorylation of the LD ₄ motif: evidence that nuclear paxillin promotes cell proliferation Published as BJ Immediate Publication 6 November 2008, doi:10.1042/BJ20080170	JM. Dong, LS. Lau, YW. Ng, L. Lim and E. Manser	online date	173–184
Direct interaction of a small-molecule modulator with G551D-CFTR, a cystic fibrosis-causing mutation associated with severe disease Published as BJ Immediate Publication 23 October 2008, doi:10.1042/BJ20081424	S. Pasyk, C. Li, M. Ramjeesingh and C.E. Bear		185–190
Activation of a nuclear-localized SIPK in tobacco cells challenged by cryptogein, an elicitor of plant defence reactions Published as B.J Immediate Publication 16 October 2008, doi:10.1042/BJ20081465	J. Dahan, C. Pichereaux, M. Rossignol, S. Blanc, D. Wendehenne, A. Pugin and S. Bourque	online data	191–200
New insights into the role of Fur proteins: FurB (All2473) from Anabaena protects DNA and increases cell survival under oxidative stress Published as BJ Immediate Publication 22 October 2008, doi:10.1042/BJ20081066	S. López-Gomollón, E. Sevilla, M.T. Bes, M.L. Peleato and M.F. Fillat	online data	201–207
Oxysterol activation of phosphatidylcholine synthesis involves CTP:phosphocholine cytidylyltransferase α translocation to the nuclear envelope Published as BJ Immediate Publication 4 November 2008, doi:10.1042/BJ20081923	K. Gehrig, T.A. Lagace and N.D. Ridgway		209–217