

Reviews**Complexes between photoactivated rhodopsin and transducin: progress and questions**

Published on the Internet 28 April 2010,
doi:10.1042/BJ20100270

B. Jastrzebska, Y. Tsybovsky and K. Palczewski



1–10

Emerging use of stem cells in regenerative medicine

Published on the Internet 28 April 2010,
doi:10.1042/BJ20100102

A.K.K. Teo and L. Vallier

11–23

Research Papers

Structural contributions of Delta class glutathione transferase active-site residues to catalysis

Published as BJ Immediate Publication 3 March 2010,
doi:10.1042/BJ20091939

J. Wongsantichon, R.C. Robinson and A.J. Ketterman



25–32

Adaptor protein 2 regulates receptor-mediated endocytosis and cyst formation in *Giardia lamblia*

Published as BJ Immediate Publication 4 March 2010,
doi:10.1042/BJ20100096

M.R. Rivero, C.V. Vranich, M. Bisbal, B.A. Maletto, A.S. Ropolo and M.C. Touz



33–45

Apolipoprotein E inhibits Toll-like receptor (TLR)-3- and TLR-4-mediated macrophage activation through distinct mechanisms

Published as BJ Immediate Publication 10 March 2010,
doi:10.1042/BJ20100016

Y. Zhu, A. Kodvawala and D.Y. Hui

47–54

Selective SUMO modification of cAMP-specific phosphodiesterase-4D5 (PDE4D5) regulates the functional consequences of phosphorylation by PKA and ERK

Published as BJ Immediate Publication 2 March 2010,
doi:10.1042/BJ20091672

X. Li, S. Vadrevu, A. Dunlop, J. Day, N. Advant, J. Troeger, E. Klussmann, E. Jaffrey, R.T. Hay, D.R. Adams, M.D. Houslay and G.S. Baillie

55–65

Characterization of domain-selective inhibitor binding in angiotensin-converting enzyme using a novel derivative of lisinopril

Published as BJ Immediate Publication 17 March 2010,
doi:10.1042/BJ20100056

J.M. Watermeyer, W.L. Kröger, H.G. O'Neill, B.T. Sewell and E.D. Sturrock



67–74

Analysis of the interactions between the C-terminal cytoplasmic domains of KCNQ1 and KCNE1 channel subunits

Published as BJ Immediate Publication 2 March 2010,
doi:10.1042/BJ20090977

R. Zheng, K. Thompson, E. Obeng-Gyimah, D. Alessi, J. Chen, H. Cheng and T.V. McDonald

75–84

Role of nitric oxide-mediated glutathionylation in neuronal function: potential regulation of energy utilization

Published as BJ Immediate Publication 9 March 2010,
doi:10.1042/BJ20100164

L.-P. Yap, J.V. Garcia, D.S. Han and E. Cadenas

85–93

The glycosylphosphatidylinositol anchor is a major determinant of prion binding and replication

Published as BJ Immediate Publication 3 March 2010,
doi:10.1042/BJ20091469

C. Bate, M. Tayebi and A. Williams

95–101

C-terminal domain phosphorylation of ERK3 controlled by Cdk1 and Cdc14 regulates its stability in mitosis

Published as BJ Immediate Publication 18 March 2010,
doi:10.1042/BJ20091604

P.-L. Tanguay, G. Rodier and S. Meloche



103–111

Contents

- The vasoactive peptides urotensin II and urotensin II-related peptide regulate astrocyte activity through common and distinct mechanisms: involvement in cell proliferation
Published as BJ Immediate Publication 2 March 2010,
doi:10.1042/BJ20090867 M. Jarry, M. Diallo, C. Lecointre, L. Desrues, T. Tokay, D. Chatenet, J. Leprince, O. Rossi, H. Vaudry, M.-C. Tonon, L. Prézeau, H. Castel and P. Gandolfo **113–124**
- Iron-binding activity of human iron–sulfur cluster assembly protein hIscA1
Published as BJ Immediate Publication 19 March 2010,
doi:10.1042/BJ20100122 J. Lu, J.P. Bitoun, G. Tan, W. Wang, W. Min and H. Ding **125–131**