

Review**RBR E3 ubiquitin ligases: new structures, new insights, new questions**

Published on the Internet 28 February 2014,
doi:10.1042/BJ20140006

D.E. Spratt, H. Walden and G.S. Shaw

421–437

Online Commentary

TIGAR's promiscuity

Published on the Internet 28 February 2014,
doi:10.1042/BJ20140087
(see accompanying paper, pp. 439–448)

J.P. Bolaños

e5–e7

Research Papers

Identification of TP53-induced glycolysis and apoptosis regulator (TIGAR) as the phosphoglycolate-independent 2,3-bisphosphoglycerate phosphatase

Published as BJ Immediate Publication 15 January 2014,
doi:10.1042/BJ20130841

I. Gerin, G. Noël, J. Bolsée, O. Haumont, E. Van Schaftingen and G.T. Bommer



439–448

How the structure of the large subunit controls function in an oxygen-tolerant [NiFe]-hydrogenase

Published as BJ Immediate Publication 16 January 2014,
doi:10.1042/BJ20131520

L. Bowman, L. Flanagan, P.K. Fyfe, A. Parkin, W.N. Hunter and F. Sargent

449–458

The Cdc48–Vms1 complex maintains 26S proteasome architecture

Published as BJ Immediate Publication 19 December 2013,
doi:10.1042/BJ20131161

J.R. Tran and J.L. Brodsky



459–467

CREB phosphorylation at Ser¹³³ regulates transcription via distinct mechanisms downstream of cAMP and MAPK signalling

Published as BJ Immediate Publication 8 January 2014,
doi:10.1042/BJ20131115

S. Naqvi, K.J. Martin and J.S.C. Arthur



469–479

Novel evidence for the specific interaction between cholesterol and α -haemolysin of *Escherichia coli*

Published as BJ Immediate Publication 19 December 2013,
doi:10.1042/BJ20131432

R.F. Vazquez, S.M. Maté, L.S. Bakás, M.M. Fernández, E.L. Malchiodi and V.S. Herlax



481–489

Insulin-stimulated leptin secretion requires calcium and PI3K/Akt activation

Published as BJ Immediate Publication 10 January 2014,
doi:10.1042/BJ20131176

Y. Wang, Y. Ali, C.-Y. Lim, W. Hong, Z.P. Pang and W. Han



491–498

Structural and functional characterization of NanU, a novel high-affinity sialic acid-inducible binding protein of oral and gut-dwelling Bacteroidetes species

Published as BJ Immediate Publication 19 December 2013,
doi:10.1042/BJ20131415

C. Phansopa, S. Roy, J.B. Rafferty, C.W.I. Douglas, J. Pandhal, P.C. Wright, D.J. Kelly and G.P. Stafford



499–511

A dual-targeted aminoacyl-tRNA synthetase in *Plasmodium falciparum* charges cytosolic and apicoplast tRNA^{Cys}






Published as BJ Immediate Publication 16 January 2014,
doi:10.1042/BJ20131451

J.S. Pham, R. Sakaguchi, L.M. Yeoh, N.S. De Silva, G.I. McFadden, Y.-M. Hou and S.A. Ralph



513–523

Contents

- Structural basis of conformational transitions in the active site and 80's loop in the FK506-binding protein FKBP12
Published as BJ Immediate Publication 10 January 2014, doi:10.1042/BJ20131429
- The ability of TRIM3 to induce growth arrest depends on RING-dependent E3 ligase activity
Published as BJ Immediate Publication 6 January 2014, doi:10.1042/BJ20131288
- Mechanistic insight into the reaction catalysed by bacterial type II dehydroquinases
Published as BJ Immediate Publication 7 January 2014, doi:10.1042/BJ20131103
- The WNK-regulated SPAK/OSR1 kinases directly phosphorylate and inhibit the K^+ - Cl^- co-transporters
Published as BJ Immediate Publication 7 January 2014, doi:10.1042/BJ20131478
- Effects of alternative splicing on the function of bestrophin-1 calcium-activated chloride channels
Published as BJ Immediate Publication 17 December 2013, doi:10.1042/BJ20121546
- S.M. Mustafi, M. Brecher, J. Zhang, H. Li, D.M. Lemaster and G. Hernández
- R. Raheja, Y. Liu, E. Hukkelhoven, N. Yeh and A. Koff
- C. Coderch, E. Lence, A. Peón, H. Lamb, A.R. Hawkins, F. Gago and C. González-Bello
- P. de los Heros, D.R. Alessi, R. Gourlay, D.G. Campbell, M. Deak, T.J. Macartney, K.T. Kahle and J. Zhang
- Y.-H. Kuo, I.F. Abdullaev, M.C. Hyzinski-García and A.A. Mongin
-  **525–536**
-  **537–545**
-  **547–557**
-  **559–573**
-  **575–583**