

Review**Fulfilling the metabolic requirements for cell proliferation**

Published on the Internet 27 July 2012,
doi:10.1042/BJ20120427

S. Moncada, E.A. Higgs and S.L. Colombo

1–7

Online Commentary

What lies beneath: natural products from marine organisms as nuclear receptor modulators

Published on the Internet 27 July 2012,
doi:10.1042/BJ20121018
(see accompanying paper, pp. 79–87)

I.J. McEwan

e1–e3

Accelerated Publications

Human YKL-39 is a pseudo-chitinase with retained chito-oligosaccharide-binding properties

Published as BJ Immediate Publication 28 June 2012,
doi:10.1042/BJ20120377

A novel role for the transcription factor HIF-1 α in the formation of mast cell extracellular traps

Published as BJ Immediate Publication 28 June 2012,
doi:10.1042/BJ20120658

M. Schimpl, C.L. Rush, M. Betou, I.M. Eggleston,
A.D. Recklies and D.M.F. van Aalten

149–157

Research Papers

A functional interaction between the MAGUK protein hDlg and the gap junction protein connexin 43 in cervical tumour cells

Published as BJ Immediate Publication 1 June 2012,
doi:10.1042/BJ20111144

A.I. MacDonald, P. Sun, H. Hernandez-Lopez, T. Aasen,
M.B. Hodgins, M. Edward, S. Roberts, P. Massimi,
M. Thomas, L. Banks and S.V. Graham

9–21

Myostatin is a novel tumoral factor that induces cancer cachexia

Published as BJ Immediate Publication 23 May 2012,
doi:10.1042/BJ20112024

S. Lokireddy, I.W. Wijesoma, S. Bonala, M. Wei, S.K. Sze,
C. McFarlane, R. Kambadur and M. Sharma

23–36

The variable N-terminal region of DDX5 contains structural elements and auto-inhibits its interaction with NS5B of hepatitis C virus

Published as BJ Immediate Publication 28 May 2012,
doi:10.1042/BJ20120001

S. Dutta, G. Gupta, Y.-W. Choi, M. Kotaka, B.C. Fielding,
J. Song and Y.-J. Tan

37–46

Embryonic poly(A)-binding protein (EPAB) is required for oocyte maturation and female fertility in mice

Published as BJ Immediate Publication 24 May 2012,
doi:10.1042/BJ20120467

O. Guzeloglu-Kayisli, M.D. Lalioti, F. Aydiner,
I. Sasson, O. Ilbay, D. Sakkas, K.M. Lowther,
L.M. Mehlmann and E. Seli

47–58

Redox properties of the disulfide bond of human Cu,Zn superoxide dismutase and the effects of human glutaredoxin 1

Published as BJ Immediate Publication 31 May 2012,
doi:10.1042/BJ20120075

S.D. Bouldin, M.A. Darch, P.J. Hart and C.E. Outten

59–67

Buckwheat trypsin inhibitor with helical hairpin structure belongs to a new family of plant defence peptides

Published as BJ Immediate Publication 22 May 2012,
doi:10.1042/BJ20120548

P.B. Oparin, K.S. Mineev, Y.E. Dunaevsky, A.S. Arseniev,
M.A. Belozersky, E.V. Grishin, T.A. Egorov
and A.A. Vassilevskii

69–77

Contents

Revealing a natural marine product as a novel agonist for retinoic acid receptors with a unique binding mode and inhibitory effects on cancer cells
Published as BJ Immediate Publication 29 May 2012,
doi:10.1042/BJ20120726

Upstream stimulatory factor 1 activates GATA5 expression through an E-box motif
Published as BJ Immediate Publication 25 May 2012,
doi:10.1042/BJ20111942

The G2385R variant of leucine-rich repeat kinase 2 associated with Parkinson's disease is a partial loss-of-function mutation
Published as BJ Immediate Publication 22 May 2012,
doi:10.1042/BJ20120637

The RNA-binding protein CUG-BP1 increases survivin expression in oesophageal cancer cells through enhanced mRNA stability
Published as BJ Immediate Publication 30 May 2012,
doi:10.1042/BJ20120112

Desulfovibrio vulgaris bacterioferritin uses H₂O₂ as a co-substrate for iron oxidation and reveals DPS-like DNA protection and binding activities
Published as BJ Immediate Publication 29 May 2012,
doi:10.1042/BJ20111439

Intestinal peptidases form functional complexes with the neutral amino acid transporter B⁰AT1
Published as BJ Immediate Publication 7 June 2012,
doi:10.1042/BJ20120307

S. Wang, Z. Wang, S. Lin, W. Zheng, R. Wang, S. Jin, J. Chen, L. Jin and Y. Li



79–87

B. Chen, R. Hsu, Z. Li, P.C. Kogut, Q. Du, K. Rouser, B. Camoretti-Mercado and J. Solway



89–98

I.N. Rudenko, A. Kaganovich, D.N. Hauser, A. Beylina, R. Chia, J. Ding, D. Maric, H. Jaffe and M.R. Cookson



99–111

E.T. Chang, J.M. Donahue, L. Xiao, Y. Cui, J.N. Rao, D.J. Turner, W.S. Twaddell, J.-Y. Wang and R.J. Battafarano



113–123

C.G. Timóteo, M. Guilherme, D. Penas, F. Folgosa, P. Tavares and A.S. Pereira



125–133

S.J. Fairweather, A. Bröer, M.L. O'Mara and S. Bröer



135–148