

**Review Articles**

- Glycosylation of matrix metalloproteases and tissue inhibitors: present state, challenges and opportunities** L. Boon, E. Ugarte-Berzal, J. Vandooren and G. Opdenakker 1471–1482

Version of Record published 27 May 2016,  
doi:10.1042/bj20151154

- Insulin signalling and glucose transport in the ovary and ovarian function during the ovarian cycle** J. Dupont and R.J. Scaramuzzi 1483–1501

Version of Record published 27 May 2016,  
doi:10.1042/bj20160124

**Commentary Article**

- Re-programming tumour cell metabolism to treat cancer: no lone target for lisdexamfetamine Y.D. Bhutia, E. Babu and V. Ganapathy 1503–1506

Version of Record published 27 May 2016,  
doi:10.1042/bj20160068

**Research Papers**

- Identification of a dTDP-rhamnose biosynthetic pathway that oscillates with the molting cycle in *Caenorhabditis elegans* L. Feng, Q. Shou and R.A. Butcher 1507–1521

Accepted Manuscript online 23 March 2016,  
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- The first crystal structure of human RNase 6 reveals a novel substrate-binding and cleavage site arrangement G. Prats-Ejarque, J. Arranz-Trullén, J.A. Blanco, D. Pulido, M.V. Nogués, M. Moussaoui and E. Boix 1523–1536

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- Pleiotropic effects of the vacuolar ABC transporter *MLT1* of *Candida albicans* on cell function and virulence N.K. Khandelwal, P. Kaemmer, T.M. Förster, A. Singh, A.T. Coste, D.R. Andes, B. Hube, D. Sanglard, N. Chauhan, R. Kaur, C. D'enfert, A.K. Mondal and R. Prasad 1537–1552

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- High-affinity Anticalins with aggregation-blocking activity directed against the Alzheimer  $\beta$ -amyloid peptide S. Rauth, D. Hinz, M. Börger, M. Uhrig, M. Mayhaus, M. Riemenschneider and A. Skerra 1563–1578

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- Uncoupling JAK2 V617F activation from cytokine-induced signalling by modulation of JH2  $\alpha$ C helix E. Leroy, A. Dusa, D. Colau, A. Motamedi, X. Cahu, C. Mouton, L.J. Huang, A.K. Shiau and S.N. Constantinescu 1579–1591

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- Structure of Gremlin-1 and analysis of its interaction with BMP-2 M. Kišonaitė, X. Wang and M. Hyvönen 1593–1604

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- Role of post-translational modifications at the  $\beta$ -subunit ectodomain in complex association with a promiscuous plant P4-ATPase S.R. Costa, M. Marek, K.B. Axelsen, L. Theorin, T.G. Pomorski and R.L. López-Marqués 1605–1615

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