

Paper alert

521 **Peter Norman, James Melville & David P Rotella**

Patent alert

532 **Suzanne Austin**

Web alert

553 **David Cavalla**

The Chemistry of Biological Processes

Edited by John A Lowe, Malcolm Duckworth & Phil Jones

555 **John A Lowe III, Malcolm Duckworth & Phil Jones**

Editorial overview: The chemistry of biological processes

557 **Kevin Fitzgerald**

RNAi versus small molecules: Different mechanisms and specificities can lead to different outcomes

567 **Jeremy Presland**

Identifying novel modulators of G protein-coupled receptors via interaction at allosteric sites

577 **Marta Filizola & Harel Weinstein**

The structure and dynamics of GPCR oligomers: A new focus in models of cell-signaling mechanisms and drug design

585 **Audrey Claing & Stéphane A Laporte**

Novel roles for arrestins in G protein-coupled receptor biology and drug discovery

590 **David E Szymkowski**

Creating the next generation of protein therapeutics through rational drug design

601 **Michal Sharon, Osnat Rosen & Jacob Anglister**

NMR studies of V3 peptide complexes with antibodies suggest a mechanism for HIV-1 co-receptor selectivity

613 **Mary M Mader**

Novel antiproliferative antitumor agents

619 **Urszula B Grabowska, Timothy J Chambers & Masahiro Shiroo**

Recent developments in cathepsin K inhibitor design

631 **Ramakanth Sarabu & Joseph Grimsby**

Targeting glucokinase activation for the treatment of type 2 diabetes - A status review

638 **Steven L Gallion & Dapeng Qian**

Chemical genetic approaches to kinase drug discovery