

Paper alert

557 Jonathan Hirst, Peter Norman & David P Rotella

Patent alert

576 Susan Wan

Web alert

585 David Cavalla

The Chemistry of Biological Processes

Edited by Chris Hill, John Lowe & Malcolm Duckworth

587 John A Lowe 3rd, Malcolm Duckworth & Christopher H Hill

Editorial overview: The chemistry of biological processes

589 Adam B Weinglass, Julian P Whitelegge & H Ronald Kaback

Integrating mass spectrometry into membrane protein drug discovery

600 Jacques Dumas, Roger A Smith & Timothy B Lowinger

Recent developments in the discovery of protein kinase inhibitors from the urea class

617 Keykavous Parang & Gongqin Sun

Design strategies for protein kinase inhibitors

630 Colin W Ward & Thomas PJ Garrett

Structural relationships between the insulin receptor and epidermal growth factor receptor families and other proteins

639 Clifford D Mol, Dorian Fabbro & David J Hosfield

Structural insights into the conformational selectivity of STI-571 and related kinase inhibitors

649 Joël Bockeaert, Aline Dumuis, Laurent Fagni & Philippe Marin

GPCR-GIP networks: A first step in the discovery of new therapeutic drugs?

658 Samuel AJR Aparicio & Justin Powell

Genetic approaches to unraveling G protein-coupled receptor biology

665 Didier Bagnol

G protein-coupled receptors in hypothalamic circuits involved in metabolic diseases

683 Graham Ladds & John Davey

Analysis of human GPCRs in fission yeast

692 Jon L Collins

Therapeutic opportunities for liver X receptor modulators

703 Ming Xu & Jianhua Zhang

Molecular genetic probing of dopamine receptors in drug addiction

709 Timothy Harrison, Ian Churcher & Dirk Beher

γ -Secretase as a target for drug intervention in Alzheimer's disease

720 Christopher A McCulloch

Drug-induced fibrosis: Interference with the intracellular collagen degradation pathway