

## Paper alert

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577 Jonathan Hirst, Peter Norman & David Rotella

## Patent alert

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595 Susan Wan

## Web alert

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607 David Cavalla

## The Chemistry of Biological Processes

Edited by Chris Hill, John Lowe & Malcolm Duckworth

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609 John A Lowe, Christopher H Hill & Malcolm Duckworth

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611 Carmen Domene, Shozeb Haider & Mark SP Sansom

Ion channel structures: A review of recent progress

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Modulation of nicotinic acetylcholine receptor function through the outer and middle rings of transmembrane domains

633 Henry A Lester, Carlos Fonck, Andrew R Tapper, Sheri McKinney, M Imad Damaj, Seth Balogh, Jeremy Owens, Jeanne M Wehner, Allan C Collins & Cesar Labarca

Hypersensitive knockin mouse strains identify receptors and pathways for nicotine action

640 Heike Wulff, Christine Beeton & K George Chandy

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Blood-brain barrier genomics and the use of endogenous transporters to cause drug penetration into the brain

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Targeting I $\kappa$ B kinase for the treatment of inflammatory and other disorders

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Design strategies for the identification of MMP-13 and TACE inhibitors

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Assays to measure the activation of membrane tyrosine kinase receptors: Focus on cellular methods