## MINIREVIEW

The First Negative Allosteric Modulator for Dopamine D₂ and D₃ Receptors, SB269652 May Lead to a New Generation of Antipsychotic Drugs

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## ARTICLES

- **G Protein-Coupled Receptor Kinase 3 and Protein Kinase C Phosphorylate the Distal C-Terminal Tail of the Chemokine Receptor CXCR4 and Mediate Recruitment of β-Arrestin**
  
  Jiansong Luo, John M. Busillo, Ralf Stumm, and Jeffrey L. Benovic

- **Thiosemicarbazones Functioning as Zinc Metallochaperones to Reactivate Mutant p53**
  
  Xin Yu, Adam Blanden, Ashley T. Tsang, Saif Zaman, Yue Liu, John Gilleran, Anthony F. Bencivenga, S. David Kimball, Stewart N. Loh, and Darren R. Carpizo

- **Identification and Structure-Function Study of Positive Allosteric Modulators of Kainate Receptors**
  
  Anja Probst Larsen, Sabine Fièvre, Karla Frydenvang, Pierre Francotte, Bernard Pirotte, Jette Sandholm Kastrup, and Christophe Mulle

- **Activation of the Orphan G Protein–Coupled Receptor GPR27 by Surrogate Ligands Promotes β-Arrestin 2 Recruitment**
  
  Nadine Dupuis, Céline Laschet, Delphine Franssen, Martyna Szpakowska, Julie Gilissen, Pierre Geubelle, Arvind Soni, Anne-Simone Parent, Bernard Pirotte, Andy Chevigné, Jean-Claude Twizere, and Julien Hanson

- **In Vivo Characterization of an AHR-Dependent Long Noncoding RNA Required for Proper Sox9b Expression**
  

- **Halogenated Ether, Alcohol, and Alkane Anesthetics Activate TASK-3 Tandem Pore Potassium Channels Likely through a Common Mechanism**
  
  Anita Luethy, James D. Boghosian, Rithu Srikantha, and Joseph F. Cotten

- **Probe-Dependent Negative Allosteric Modulators of the Long-Chain Free Fatty Acid Receptor FFA4**

  Kenneth R. Watterson, Steffen V. F. Hansen, Brian D. Hudson, Elisa Alvarez-Curto, Sheikh Zahir Raihan, Carlos M. G. Azevedo, Gabriel Martin, Julia Dunlop, Stephen J. Yarwood, Trond Ulven, and Graeme Milligan

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Supplemental material is available online at http://molpharm.aspetjournals.org.

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*About the cover:* Dorsal view of dual immunohistochemistry and in situ hybridization targeting sox9b-eGFP (green) and slincR (red) in 48 hpf zebrafish developmentally exposed to 0.1% DMSO or 1 ng/mL TCDD. by Tanguay et al. (http://dx.doi.org/10.1124/mol.117.108233).