MINIREVIEW
25 Years of Small Molecular Weight Kinase Inhibitors: Potentials and Limitations
Doriano Fabbro

ACCELERATED COMMUNICATION
Synaptic-Type α1β2γ2L GABAA Receptors Produce Large Persistent Currents in the Presence of Ambient GABA and Anesthetic Drugs
Ping Li and Gustav Akk

ARTICLES
- Histone Deacetylase Inhibition Attenuates Cardiac Hypertrophy and Fibrosis through Acetylation of Mineralocorticoid Receptor in Spontaneously Hypertensive Rats
  Seol-Hee Kang, Young Mi Seok, Min-ji Song, Hae-Ahm Lee, Thomas Kurz, and InKyeom Kim

- Molecular Determinants of the Human α2C-Adrenergic Receptor Temperature-Sensitive Intracellular Traffic
  Catalin M. Filipeanu, Ashok K. Pullikuth, and Jessie J. Guidry

- Yet Another Function of p53—The Switch That Determines Whether Radiation-Induced Autophagy Will Be Cytoprotective or Nonprotective: Implications for Autophagy Inhibition as a Therapeutic Strategy
  Shweta Chakradeo, Khushboo Sharma, Aisha Alhaddad, Duaa Bakhshwin, Ngoc Le, Hisashi Harada, Wataru Nakajima, W. Andrew Yeudall, Suzy V. Torti, Frank M. Torti, and David A. Gewirtz

- Staurosporine Induces Formation of Two Types of Extra-Long Cell Protrusions: Actin-Based Filaments and Microtubule-Based Shafts
  Takayuki Kohno, Takafumi Ninomiya, Shin Kikuchi, Takumi Konno, and Takashi Kojima

- Synthetic Metallochaperone ZMC1 Rescues Mutant p53 Conformation by Transporting Zinc into Cells as an Ionophore

- Protein Kinase Ca Mediates Erlotinib Resistance in Lung Cancer Cells
  Mahlet B. Abera and Marcelo G. Kazanietz

- Exposure to Diethylstilbestrol during Pregnancy Modulates MicroRNA Expression Profile in Mothers and Fetuses Reflecting Oncogenic and Immunological Changes
  Narendra P. Singh, Ikbal K. Abbas, Martine Menard, Udad P. Singh, Jiajia Zhang, Prakash Nagarkatti, and Mitzi Nagarkatti

- Molecular Interaction of α-Conotoxin RgIA with the Rat α9α10 Nicotinic Acetylcholine Receptor
  Layla Azam, Athanassios Papakyriakou, Marios Zouridakis, Petros Giastas, Socrates J. Tzartos, and J. Michael McIntosh

- A Novel Method for Analyzing Extremely Biased Agonism at G Protein–Coupled Receptors
  Edward L. Stahl, Lei Zhou, Frederick J. Ehlert, and Laura M. Bohn