Contents

ACCELERATED COMMUNICATIONS

655	Novel Potent Inhibitor of Receptor-Activated Nonselective Cation Currents in HL-60 Cells	D. Krautwurst, J. Hescheler, D. Arndts, W. Lösel, R. Hammer, and G. Schultz
660	Isolation and Expression of a cDNA Coding for Rat Kidney Cytosolic Cysteine Conjugate β -Lyase	Sandra J. Perry, Miles A. Schofield, Marion Macfarlane, Edward A. Lock, Laurence J. King, G. Gordon Gibson, and Peter S. Goldfarb
	ARTICLES	
666	Development of Polyclonal Anti-D2 Dopamine Receptor Antibodies Using Sequence-Specific Peptides	Virginia A. Boundy, Robert R. Luedtke, Roman P. Artymyshyn, Thomas M. Filtz, and Perry B. Molinoff
677	Photoaffinity Labeling of Subtype 2 Angiotensin Receptor of Human Myometrium	Guy Servant, Guylain Boulay, Roger Bossé, Emanuel Escher, and Gaétan Guillemette
684	δ-Opioid Receptor Activates cAMP Phosphodiesterase Activities in Neuroblastoma × Glioma NG108–15 Hybrid Cells	P. Y. Law and H. H. Loh
694	Differential Regulation of Muscarinic Receptor mRNA Levels in Neuroblastoma Cells by Chronic Agonist Exposure: A Comparative Polymerase Chain Reaction Study	Muriel C. Steel and Noel J. Buckley

Continued

MOLECULAR PHARMACOLOGY (MOL/ISSN 0026-895X) is an official publication of The American Society for Pharmacology and Experimental Therapeutics and is published monthly, two volumes a year, beginning in January and July, by Williams & Wilkins, 428 E. Preston St., Baltimore, MD 21202-3993. Second class postage paid at Baltimore, MD and at additional mailing offices. POSTMASTER: Send address changes to MOLECULAR PHARMACOLOGY, 428 E. Preston St., Baltimore, MD 21202-3993. Subscription Rates: U.S.: Personal \$105; Institutional \$230; Single copy \$19. Outside the U.S., except Japan: Personal \$135; Institutional \$260; Single copy \$23. Foreign prices exclude Japan. See Information for Subscribers for detailed instructions. The GST Tax Number for Canadian subscribers is 123394371. Country of origin USA. PRICES ARE SUBJECT TO CHANGE. Indexed by Index Medicus, Current Contents (Life Sciences), Excerpta Medica, and Current Awareness in Biological Sciences. Copyright © 1993 by The American Society for Pharmacology and Experimental Therapeutics.

CONTENTS (cont'd)

702	Variation in Human Thymidylate Synthase Is Associated with Resistance to 5-Fluoro-2'- deoxyuridine	Stephen T. Davis and Sondra H. Berger
709	Tamoxifen Stimulates Expression of the c-fos Proto- Oncogene in Rodent Uterus	John L. Kirkland, Lata Murthy, and George M. Stancel
715	Sequence Selectivity of Topoisomerase II DNA Cleavage Stimulated by Mitoxantrone Derivatives: Relationships to Drug DNA Binding and Cellular Effects	Paola De Isabella, Giovanni Capranico, Manlio Palumbo, Claudia Sissi, A. Paul Krapcho, and Franco Zunino
722	Marked Endogenous Activation of the CYP1A1 and CYP1A2 Genes in the Congenitally Jaundiced Gunn Rat	Jaime Kapitulnik and Frank J. Gonzalez
726	Effects of Agonists, Partial Agonists, and Antagonists on the Regulation of 5- Hydroxytryptamine ₂ Receptors in P11 Cells	Robert C. Ferry, Christopher D. Unsworth, and Perry B. Molinoff
734	Subsecond Modulation of Formyl Peptide-Linked Guanine Nucleotide-Binding Proteins by Guanosine 5'-O-(3-Thio)triphosphate in Permeabilized Neutrophils	Richard R. Neubig and Larry A. Sklar
741	Isolation of Glucagon Antagonists by Random Molecular Mutagenesis and Screening	Robert A. Smith, Robert Sisk, Peter Lockhart, Shannon Mathewes, Teresa Gilbert, Kathleen Walker, and James Piggot
749	Unique Binding Characteristics of Antipsychotic Agents Interacting with Human Dopamine D_{2A} , D_{2B} , and D_3 Receptors	Åsa Malmberg, David M. Jackson, Annemarie Eriksson, and Nina Mohell
755	A Single Point Mutation (Phe ³⁴⁰ \rightarrow Leu ³⁴⁰) of a Conserved Phenylalanine Abolishes 4-[¹²⁵ I]Iodo-(2,5-dimethoxy)phenylisopropylamine and [³ H] Mesulergine But Not [³ H]Ketanserin Binding to 5-Hydroxytryptamine ₂ Receptors	M. S. Choudhary, S. Craigo, and B. L. Roth
762	Characterization of Bombesin Receptors Using a Novel, Potent, Radiolabeled Antagonist That Distinguishes Bombesin Receptor Subtypes	Samuel Mantey, Harold Frucht, David H. Coy, and Robert T. Jensen
775	Development of Natriuretic Peptide Analogs Selective for the Atrial Natriuretic Factor-R _{1A} Receptor Subtype	Murielle Mimeault, Alain Fournier, James Féthiere, and André De Léan
783	Inhalational Anesthetic Actions on Voltage-Gated Ion Currents of Bovine Adrenal Chromaffin Cells	Joseph J. Pancrazio, Wyun Kon Park, and Carl Lynch III

CONTENTS (cont'd)

795	Indomethacin/Ibuprofen-like Anti-inflammatory Agents Selectively Potentiate the γ -Aminobutyric Acid-Antagonistic Effects of Several Norfloxacin-like Quinolone Antibacterial Agents on [35 S] t -Butylbicyclophosphorothionate Binding	Richard F. Squires and Else Saederup
801	Comparison of Interactions of [3 H]Muscimol, t -Butylbicyclophosphoro[35 S]thionate and [3 H] Flunitrazepam with Cloned γ -Aminobutyric Acid _A Receptors of the $\alpha_1\beta_2$ and the $\alpha_1\beta_2\gamma_2$ Subtypes	Jeff F. Pregenzer, Wha Bin Im, Donald B. Carter, and Darrell R. Thomsen
807	Modulation by Albumin of Neuronal Cholinergic Sensitivity	Devorah Gurantz, Joseph F. Margiotta, Alec T. Harootunian, and Vincent E. Dionne
813	Pregnenolone Sulfate Potentiation of N-Methyl-D-aspartate Receptor Channels in Hippocampal Neurons	Mark R. Bowlby
820	Extracellular Localization of the Benzothiazepine Binding Domain of L-Type Ca ²⁺ Channels	Steffen Hering, Alexej Savchenko, Carsten Strübing, Marion Lakitsch, and Jörg Striessnig
827	Major Pathway of Imipramine Metabolism Is Catalyzed by Cytochromes P-450 1A2 and P-450 3A4 in Human Liver	Antoinette Lemoine, Jean Charles Gautier, Daniel Azoulay, Liliane Kiffel, Claire Belloc, F. Peter Guengerich, Patrick Maurel, Philippe Beaune, and Jean Paul Leroux