

Contents

- | | | |
|----|--|--|
| 1 | Differential Pharmacology of Cloned Human and Mouse B ₂ Bradykinin Receptors | J. Fred Hess, Joseph A. Borkowski, Tanya MacNeil, Gretchen Y. Stonesifer, Joanne Fraher, Catherine D. Strader, and Richard W. Ransom |
| 9 | Isolation and Pharmacological Characterization of a Hamster Urinary Bladder Neurokinin A Receptor cDNA | D. Aharony, J. Little, C. Thomas, S. Powell, D. Berry, and A. Graham |
| 20 | The Cloning and Expression of an OK Cell cDNA Encoding a 5-Hydroxytryptamine _{1B} Receptor | D. Roselyn Cerutis, Nancy A. Hass, Laurie J. Iversen, and David B. Bylund |
| 29 | Neurites Induced by Staurosporine in PC12 Cells Are Resistant to Colchicine and Express High Levels of <i>Tau</i> Proteins | David Rasouly, Ezra Rahamim, Israel Ringel, Irith Ginzburg, Chikara Muarakata, Yuzuru Matsuda, and Philip Lazarovici |
| 36 | Heat Shock Response and Cytotoxicity in C6 Rat Glioma Cells: Structure-Activity Relationship of Different Alcohols | Ulrich Neuhaus-Steinmetz, Cunshuan Xu, Franco Fracella, Boris Oberheitmann, Christiane Richter-Landsberg, and Ludger Rensing |
| 42 | A Recombinant Phenobarbital-Inducible Rat Liver UDP-Glucuronosyltransferase (UDP-Glucuronosyltransferase 2B1) Stably Expressed in V79 Cells Catalyzes the Glucuronidation of Morphine, Phenols, and Carboxylic Acids | Mike Pritchard, Sylvie Fournel-Gigleux, Gérard Siest, Peter Mackenzie, and Jacques Magdalou |
| 51 | Activation of Heterologously Expressed D3 Dopamine Receptors: Comparison to D2 Dopamine Receptors | Chris L. Chio, Mary E. Lajiness, and Rita M. Huff |
| 61 | Intramolecular Interactions in Muscarinic Acetylcholine Receptors Studied with Chimeric m2/m5 Receptors | Zipora Pittel and Jürgen Wess |

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*, *Reference Update/Research Information Systems*, and *Current Awareness in Biological Sciences*. Copyright © 1994 by The American Society for Pharmacology and Experimental Therapeutics.

CONTENTS (cont'd)

65	Continuous Spectrofluorometric Analysis of Formyl Peptide Receptor Ternary Complex Interactions	Richard G. Posner, Shawn P. Fay, Mark D. Domalewski, and Larry A. Sklar
74	Conformers of Acetylcholinesterase: A Mechanism of Allosteric Control	Jeffrey L. Taylor, Richard T. Mayer, and Chester M. Himel
84	Inhibition of P-Type and N-Type Calcium Channels by Dopamine Receptor Antagonists	Dinah W. Y. Sah and Bruce P. Bean
93	Conformational and Biological Studies of Neuropeptide Y Analogs Containing Structural Alterations	Alain Fournier, Diane Gagnon, Rémi Quirion, Alain Cadieux, Yvan Dumont, Leng-Hong Pheng, and Serge St-Pierre
102	Ethanol Stabilizes the Open Channel State of the <i>Torpedo</i> Nicotinic Acetylcholine Receptor	Ge Wu, Peter H. Tonner, and Keith W. Miller
109	A G Protein-Activated K ⁺ Current in Bovine Adrenal Chromaffin Cells: Possible Regulatory Role in Exocytosis	Shawna D. Cannon, Steven P. Wilson, and Kenneth B. Walsh
117	Hydrophobic Interactions of <i>n</i> -Alkyl Diamines with the <i>N</i> -Methyl-D-aspartate Receptor: Voltage-Dependent and -Independent Blocking Sites	Swaminathan Subramaniam, Sean D. Donevan, and Michael A. Rogawski
125	Pharmacological Heterogeneity of the Cloned and Native Human Dopamine Transporter: Disassociation of [³ H]WIN 35,428 and [³ H]GBR 12,935 Binding	Zdenek B. Pristupa, Julie M. Wilson, Beth J. Hoffman, Stephen J. Kish, and Hyman B. Niznik
136	Active and Inactive Enantiomers of 2 β -Carbomethoxy-3 β -(4-iodophenyl)tropane: Comparison Using Homogenate Binding and Single Photon Emission Computed Tomographic Imaging	B. E. Scanley, R. M. Baldwin, M. Laruelle, M. S. Al-Tikriti, Y. Zea-Ponce, S. Zoghbi, S. S. Giddings, D. S. Charney, P. B. Hoffer, S. Wang, Y. Gao, J. L. Neumeyer, and R. B. Innis
142	Partial Agonist Properties of Cytisine on Neuronal Nicotinic Receptors Containing the β 2 Subunit	Roger L. Papke and Stephen F. Heinemann
150	Generation of Reactive Oxygen Intermediates by Human Liver Microsomes in the Presence of NADPH or NADH	Julia Rashba-Step and Arthur I. Cederbaum
158	Flunarizine and Cinnarizine Inhibit Mitochondrial Complexes I and II: Possible Implication for Parkinsonism	Keith Veitch and Louis Hue