

CONTENTS

STUART E. LEFF, MARK W. HAMBLIN, AND IAN CREESE. Interactions of Dopamine Agonists with Brain D ₁ Receptors Labeled by ³ H-Antagonists: Evidence for the Presence of High and Low Affinity Agonist-Binding States	171
STUART E. LEFF AND IAN CREESE. Interactions of Dopaminergic Agonists and Antagonists with Dopaminergic D ₃ Binding Sites in Rat Striatum: Evidence that [³ H]Dopamine Can Label a High Affinity Agonist-Binding State of the D ₁ Dopamine Receptor	184
H. B. NIZNIK, J. H. GUAN, J. L. NEUMEYER, AND P. SEEMAN. A Photoaffinity Ligand for Dopamine D ₂ Receptors: Azidoclebopride	193
KURT R. SCHWARZ, STEPHEN M. LANIER, EDWARD A. CARTER, CHARLES J. HOMCY, AND ROBERT M. GRAHAM. Rapid Reciprocal Changes in Adrenergic Receptors in Intact Isolated Hepatocytes during Primary Cell Culture	200
GOZOH TSUJIMOTO AND BRIAN B. HOFFMAN. Desensitization of β -Adrenergic Receptor-Mediated Vascular Smooth Muscle Relaxation	210
SUMIO SHIMA, NOBU AKAMATSU, MASANAO HIRAI, AND HIROSHI KOUYAMA. Age-Related Alterations in the Catecholamine-Sensitive Adenylate Cyclase System of the Prostate	218
M. MCKINNEY, S. STENSTROM, AND E. RICHELSON. Muscarinic Responses and Binding in a Murine Neuroblastoma Clone (N1E-115): Mediation of Separate Responses by High Affinity and Low Affinity Agonist-Receptor Conformations	223
G. KURT HOGABOOM, SEYMOUR MONG, JEFFREY M. STADEL, AND STANLEY T. CROOKE. Characterization of Guinea Pig Myocardial Leukotriene C ₄ Binding Sites: Regulation by Cations and Sulhydryl-Directed Reagents	236
C. E. SPIVAK AND E. X. ALBUQUERQUE. Triphenylmethylphosphonium Blocks the Nicotinic Acetylcholine Receptor Noncompetitively	246
JANET D. MAGRUDER, MADELINE WAID-JONES, AND RONALD C. REITZ. Ethanol-Induced Alterations in Rat Synaptosomal Plasma Membrane Phospholipids: Relationship to Changes in the Phospholipid Methyltransferases	256
FREDERIK GRØNHØJ LARSEN, CHRISTIAN GRØNHØJ LARSEN, PREBEN JAKOBSEN, AND ROLF BRODERSEN. Interaction of Warfarin with Human Serum Albumin: a Stoichiometric Description	263
LORENZ POELLINGER AND DONALD GULLBERG. Characterization of the Hydrophobic Properties of the Receptor for 2,3,7,8-Tetrachlorodibenzo- <i>p</i> -dioxin	271
DAVID ROSS, ROGER LARSSON, KAJSA NORBECK, RAGNAR RYHAGE, AND PETER MOLDÉUS. Characterization and Mechanism of Formation of Reactive Products Formed during Peroxidase-Catalyzed Oxidation of <i>p</i> -Phenetidine: Trapping of Reactive Species by Reduced Glutathione and Buylated Hydroxylanisole	277
DAVID DANKOVIC, RUTH E. BILLINGS, WILLIAM SEIFERT, AND WANDA G. STILLWELL. Bromobenzene Metabolism in Isolated Rat Hepatocytes: ¹⁸ O ₂ Incorporation Studies	287
JUDY L. RAUCY AND ERIC F. JOHNSON. Variations among Untreated Rabbits in Benzo(<i>a</i>)pyrene Metabolism and Its Modulation by 7,8-Benzoflavone	296
C. PAUL SPEARS, JASHOVAM SHANI, ANTRANIK H. SHAHINIAN, WALTER WOLF, CHARLES HEIDELBERGER, AND PETER V. DANENBERG. Assay and Time Course of 5-Fluorouracil Incorporation into RNA of L1210/0 Ascites Cells <i>in Vivo</i>	302
MARVIN B. COHEN AND ROBERT I. GLAZER. Cytotoxicity and the Inhibition of Ribosomal RNA Processing in Human Colon Carcinoma Cells	308

Continued

MOLECULAR PHARMACOLOGY (ISSN 0026-895x) is published bi-monthly by The American Society for Pharmacology and Experimental Therapeutics, 428 East Preston Street, Baltimore, MD 21202. 1985: Volumes 27-28. Price per year: USA individual rate \$75.00; all other countries, surface mail \$90.00. USA institutional rate \$165.00; all other countries, surface mail \$180.00. All subscription orders should be addressed to Molecular Pharmacology, Williams & Wilkins Co., 428 East Preston Street, Baltimore, MD 21202. Send notice of address changes at least 6-8 weeks in advance.

Second Class Postage paid at Baltimore, MD, and at additional mailing offices. POSTMASTER send address changes (Form 3579) to 428 East Preston Street, Baltimore, MD 21202.

Copyright © 1985 by The American Society for Pharmacology and Experimental Therapeutics.

CONTENTS (cont'd)

JOHAN LUND, INGVAR BRANDT, LORENZ POELLINGER, ÅKE BERGMAN, EVA KLASSON-WEHLER, AND JAN-ÅKE GUSTAFSSON. Target Cells for the Polychlorinated Biphenyl Metabolite 4,4'-Bis(methylsulfonyl)-2,2',5,5'-tetrachlorobiphenyl: Characterization of High Affinity Binding in Rat and Mouse Lung Cytosol 314

Erratum 324

Copyright © 1985 by The American Society for Pharmacology and Experimental Therapeutics
All Rights Reserved

No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopy, recording, or any information storage and retrieval system, without permission in writing from the copyright owner.

The appearance of the code at the bottom of the first page of an article in this journal indicates the copyright owner's consent that copies of this article may be made for personal or internal use, or for the personal or internal use of specific clients. This consent is given on the condition, however, that the copier pay the stated per copy fee through the Copyright Clearance Center, Inc., (21 Congress Street, Salem, Massachusetts 01970), for copying beyond that permitted by Sections 107 or 108 of the U.S. Copyright Law. This consent does not extend to other kinds of copying, such as copying for general distribution, for advertising or promotional purposes, for creating new collective works, or for resale. Copy fees for pre-1985 articles are the same as those shown for current articles.