Contents, Vol. 43, 1991

Evidence for Heterogeneity of Prejunctional Alpha-2-Adrenoceptors
Oriowo, M.A.; Hieble, J.P.; Ruffolo, R.R., Jr 1

Effects of K+-Free Solution on Contractile Responses of Rat Vas deferens
Raviprakash, V.; Mishra, S.K 14

Effect of the Steroidal Alkaloid Buxaminol-E on Blood Pressure, Acetylcholinesterase Activity and (3H)Quinuclidinyl Benzilate Binding in Cerebral Cortex
Kvaltínová, Z.; Lukovic, L.; Machová, J.; Fatranská, M 20

Synaptosomal Respiration: A Potent Indicator of Veratridine-Induced Na Influx
Urenjak, J.; Tegtmeier, F.; Beile, A.; Khan, S.; Peters, T 26

Dietary Modulation of Cytochrome P450 in the Small Intestinal Epithelium
Rosenberg, D.W 36

Mast Cell Degranulation in Hemorrhagic Shock in Rats and the Effects of Vasoactive

Intestinal Peptide, Aprotinin and \( H_1 \) and \( H_2 \)-Receptor Blockers on Degranulation
Tikiz, H.; Tunçel, N.; Gürer, F.; Baycu, C  47

No. 2  Original Paper
In vitro Enantioselective Glucuronidation of Fenoprofen
Volland, C; Benet, L.Z  53

Developmental Aspects of Bladder Contractile Function: Sensitivity to Extracellular Calcium
Levin, R.M.; Zderic, S.A.; Ewalt, D.H.; Duckett, J.W.; Wein, A.J  69

Isoproterenol Prevents Oxidant-Induced Injury in Isolated Rabbit Lungs
Fujishima, S.; Kraft, S.A.; McGuire, G.P.; Raffin, T.; Pearl, R.G  78

IV Contents
Identification of Cardiac Endothelin Binding Sites in Rats: Downregulation of Left Atrial Endothelin Binding Sites in Response to Myocardial Infarction
Nambi, P.; Pullen, M.; Egan, J.W.; Smith, E.F., III  84

Effect of the Dopamine ß-Hydroxylase Inhibitor, SK&F 102698, on Blood Pressure in the 1-Kidney, 1-Clip Hypertensive Dog
Brooks, D.P.; Fredrickson, T.A.; Koster, P.F.; Ruffolo, R.R., Jr  90

Cobalt Protoporphyrin Regulates Body Weight in Beagle Dogs: Induction of Weight Loss in Normal Animals of Stable Adult Weight
Galbraith, R.A.; Kappas, A  96

Aspects of Chronic Oral Treatment with Thyrotropin-Releasing Hormone: The Hypothalamic-Pituitary-Thyroid Axis in Rats. A Study with a Pharmacological Dose of Thyrotropin-Releasing Hormone
Duntas, L.; Roussel, J.P.; Astier, H.; Keck, F.S.; Rosenthal, J.; Pfeiffer, E.F  106

No. 3  Original Paper
Carvedilol (Kredex\textsuperscript{*}) Reduces Infarct Size in a Canine Model of Acute Myocardial Infarction
Hamburger, S.A.; Barone, F.C.; Feuerstein, G.Z.; Ruffolo, R.R., Jr  113

Effect of Neuropeptide Y on Isolated Rat Hearts
Jolly, S.R.; Ordoukhani, A.; Movahed, A  121

Effects of Staurosporine on the Pressor Responses to Alpha-Adrenerceptor Agonists in Pithed Rats: A Comparison with Nifedipine
Tabrizchi, R.; Triggle, C.R  128

Inhibition of Aldosterone Production and Angiotensin Action by Drugs Affecting Potassium Channels
Hadjokas, N.; Goodfriend, T  141

Cerebrospinal Fluid Pressure of Conscious Rats after Venous Constriction at the Right Atrium
Severs, W.B.; Hartman, R.D.; Morrow, B.A.; Keil, L.C  151

Differential Effects of Two Kappa-Opiate Agonists, U-50,488H and U-69,593, on the Binding of \( ^{[3}H\)-(3-MeHis2) Thyrotropin-Releasing Hormone to Rat Spinal Cord and Amygdalal Membranes
Rahmani, N.H.; Gulati, A.; Bhargava, H.N  156
Effect of the Lysosomotropic Drug Suramin on Islet Lysosomal Enzyme Activities and the Insulin-Secretory Response Induced by Various Secretagogues
Panagiotidis, G; Salehi, A.A.; Lundquist, I 163

Vitamin D Suppression of Spleen Colony Formation in Radiation Chimeras
Nuwayri-Salti, N.; Abdel-Halim, J.; Salem, Z 169

No. 4 Original Paper
Effect of Chronic Treatment with Clonidine and Spironolactone on Cold-Induced Elevation of Blood Pressure
Baron, A.; Riesselmann, A.; Fregly, M.J 173

Changes in α₂-Adrenoceptors on Vascular Smooth Muscle and Neural Membranes following Hypertension Induced by Renal Ischemia
Weishaar, R.E.; Webb, R.C.; Smith, C.B 187

Acute Blood Pressure Effects of Selected Serine Proteases in Normotensive Rats and Dogs
Williams, J.C.; Falcone, R.C.; Do, M.L.T.; Lindstrom, D.D.; Howe, B.B 199

Contents V
Aspartame and Sucrose Produce a Similar Increase in the Plasma Phenylalanine to Large Neutral Amino Acid Ratio in Healthy Subjects
Burns, T.S.; Stargel, W.W.; Tschanz, C; Kotsonis, F.N.; Hurwitz, A 210

Gastroprotective Effect of Nifedipine on Stress-Induced Gastric Lesions in Rats
Ulak, G.; Cingi, M.J.; Erol, K 220

Effect of Beta-Alanyl-L-Histidinato Zinc on Osteoblastic MC3T3-E1 Cells: Increases in Alkaline Phosphatase and Proliferation
Yamaguchi, M.; Ohtaki, J 225

No. 5 Original Paper
Critical Ketoconazole Dosage Range for Ciclosporin Clearance Inhibition in the Dog
Myre, S.A.; Schoeder, T.J.; Grund, V.R.; Wandstrat, T.L.; Nicely, P.G.; Pesce, A.J.; First, M.R 233

Influence of the Mode of Intravenous Administration on the Penetration of Ceftazidime into Tissues and Pleural Exudate of Rats
Miglioli, P.A.; Xerri, L.; Palatini, P 242

Studies for the Elucidation of the Mode of Action of the Antimycotic Hydroxypyridone Compound, Rilopirox
Kruse, R.; Hengstenberg, W.; Hänel, H.; Raether, W 247

Analgesic and Thermic Responses to Intravenously Administered Morphine in 8- and 24-Week-Old Rats
Bhargava, H.N.; Villar, V.M 256

Pharmacological Characterization of the Postsynaptic Serotonergic Receptor in the Human Uterine Artery
Fontes Ribeiro, C.A.; Macedo, T.R.A.; Porhirio, M.H 264

Neurogenic Function of the Diabetic Rat Bladder: Alteration by Calcium Channel Effectors Belis, J.A.; Curley, R.M.; Wagner, C.H.; Murty, V.N.; Winter, S.J.; Rohner, T.J. ... 273

Furosemide Dynamics: Influence of Dietary Sodium and of Saralasin
Babin, R.; Larose, P.; Lécrivain, A.; du Souich, P 282

Announcement 292
No. 6 Original Paper
Gastric Acid Inhibitory Profile of Saviprazole (HOE 731) Compared to Omeprazole
Herling, A.W.; Scholl, T.; Bickel, M.; Lang, H.-J.; Scheunemann, K.H.; Weidmann, K.; Rippel, R 293
Cholinoreceptor Blockers Protect against Ethanol-Induced Gastric Mucosal Damage in Rats
Cho, C.H.; Ogle, C.W 304
Prevention of Galactosamine-Induced Hepatotoxicity in Rats with Fructose-1,6-Di-phosphate
Markov, A.K.; Farias, L.A.; Bennett, W.S.; Subramony, C; Mihas, A.A 310
Inhibition of Glycemic and Hormonal Responses after Repetitive Sucrose and Starch Loads by Different Doses of the α-Glucosidase Inhibitor Miglitol (BAY m 1099) in Man
Lembcke, B.; Fölsch, U.R.; Gatzemeier, W.; Ebert, R.; Siegel, E.; Creutzfeldt, W . . . 318
Contents
Dopaminergic Unique Affinity of Tetrahydroberberine and /-Tetrahydroberberine-/-Campho Sulfonate
Niwa, M.; Mibu, H.; Nozaki, M.; Tsurumi, K.; Fujimura, H 329
Effect of Anoxia on in vitro Bladder Function
Zhao, Y.; Wein, A.J.; Bilgen, A.; Levin, R.M 337
Author Index 345
Subject Index 346
Downloaded by: 54.70.40.11 - 10/29/2017 12:32:43 PM