

REGISTER OF ARTICLES

8721-8737

136:1 Apr 62

8721	Chromatographic study of the native oxytocic hormone of the neurohypophysis. R. E. Smith, M. Rosenfeld-----	1
8722	The metabolic fate of mebutamate (capla). J. F. Douglas, B. J. Ludwig, T. Ginsberg, F. M. Berger-----	5
8723	On the mechanism of the inhibition of mercurial diuresis by p-chloromercuribenzoic acid. T. B. Miller, A. E. Farah----	10
8724	The inhibition of rat brain cholinesterase after administration of the dimethyl-carbamates of deoxy-demethyl-lycoramine, neostigmine or physostigmine. R. L. Irwin, M. M. Hein-----	20
8725	The effect of certain psychotropic drugs on the urinary excretion of 3-methoxy-4-hydroxymandelic acid in man. R. K. McDonald, V. K. Weise-----	26
8726	Changes in spider webs brought about by mescaline, psilocybin and an increase in body weight. A. Christiansen, R. Baum, P. N. Witt-----	31
8727	Antagonism by caffeine of the respiratory effects of codeine and morphine. J. W. Bellville, L. A. Escarraga, S. L. Wallenstein, K. C. Wang, W. S. Howland, R. W. Houde-----	38
8728	Comparative analgesic potency of heroin and morphine in post-operative patients. C. W. Reichle, G. M. Smith, J. S. Gravenstein, S. G. Macris, H. K. Beecher-----	43
8729	Subjective effects of heroin and morphine in normal subjects. G. M. Smith, H. K. Beecher-----	47
8730	Objective evidence of mental effects of heroin, morphine and placebo in normal subjects. G. M. Smith, O. W. Semke, H. K. Beecher-----	53
8731	Differential antagonism by BAS-phenol of responses to the indolealkylamines. R. D. Bunag, E. J. Walaszek-----	59
8732	Enhancement of postganglionic responses to stimulating agents following repetitive preganglionic stimulation. R. L. Volle.	68
8733	The depletion of norepinephrine stores in the heart of the dog by reserpine-type alkaloids. J. Liebman, A. J. Muskus, D. R. Waud-----	75
8734	Effect of <u>alpha</u> -methyl-3,4-dihydroxyphenylalanine (methyldopa), reserpine and related agents on some vascular responses in the dog. C. A. Stone, C. A. Ross, H. C. Wenger, C. T. Ludden, J. A. Blessing, J. A. Totaro, C. C. Porter-----	80
8735	Cardiac contractile force responses to ephedrine and other sympathomimetic amines in dogs after pretreatment with reserpine. J. I. Moore, N. C. Moran-----	89
8736	Blockade of the positive inotropic action of norepinephrine by cardiac glycosides in the dog during hypothermia. M. deV. Cotten, T. Cooper-----	97
8737	The saturated-lactone glycoside dihydro-ouabain: Effects on potassium balance of the dog heart. T. E. Brown, G. H. Acheson, G. Grupp-----	107

REGISTER OF ARTICLES

8738-8755

136:1 Apr 62

- 8738 Pharmacology of a new antiarrhythmic agent, gamma-diisopropylamino-alpha-phenyl-alpha-(2-pyridyl)-butyramide (SC-7031). C. M. Mokler, C G Van Arman.----- 114
- 8739 Persistence of starch derivatives and dextran when infused after hemorrhage. W. L. Thompson, J. J. Britton, R. P. Walton.----- 125

136:2 May 62

- 8740 Thyroxin, reserpine, epinephrine and temperature on atrial rate. M. D. Thier, J. S. Gravenstein, R. G. Hoffmann.----- 133
- 8741 Species differences in the cardiac effects of a monoamine oxidase inhibitor. N. D. Goldberg, F. E. Shideman.----- 142
- 8742 Sensitivity of the nictitating membrane after various procedures and agents. U. Trendelenburg, N. Weiner.----- 152
- 8743 An experimental study of the participation of the sympathetic nervous system in the lysergic acid diethylamide (LSD) reaction in cats. J. T. Elder, Jr, J. M. Dille.----- 162
- 8744 Apnea, bradycardia and hypotension in response to sodium salicylate in the cat. R. Rosenstein, H. L. Borison.----- 169
- 8745 Effect of dietary phenylalanine and tryptophan upon rat brain amine levels. H. Green, S. M. Greenberg, R. W. Erickson, J. L. Sawyer, T. Ellison.----- 174
- 8746 Brain 5-hydroxytryptamine and anticonvulsant activity. E. G. Anderson, S. D. Markowitz, D. D. Bonnycastle.----- 179
- 8747 Controlled clinical trials of antitussive agents: An experimental evaluation of different methods. F. B. Nicolis, G. Pasquariello.----- 183
- 8748 Action of procaine on frog skeletal muscle. F. Inoue, G. B. Frank.----- 190
- 8749 The entry of rubidium into human erythrocytes. J. B. Kahn, Jr.----- 197
- 8750 Studies on a method for assaying the metabolic effects of insulin on adipose tissue in vitro and in vivo. R. E. Bagdon, F. Hall.----- 205
- 8751 Canine blood sugar and lactic acid responses to adrenergic amines after adrenergic block. R. S. McCutcheon.----- 209
- 8752 Growth inhibitory effects of hydrocortisone on mouse lymphoma ML-388 in vitro. J. D. Gabourel, L. Aronow.----- 213
- 8753 Thiol inhibition of chemically induced photosensitivity. K. Nishie, A. C. Keyl.----- 222
- 8754 On the metabolism of o-ethoxybenzamide. C. Davison, J. Wangler, P. K. Smith.----- 226
- 8755 Distribution of N-C¹⁴-methyl labeled morphine: I. In central nervous system of nontolerant and tolerant dogs. S. J. Mule, L. A. Woods.----- 232

REGISTER OF ARTICLES

8756-8772

136:2 May 62

- 8756 Distribution of N-C₁₄-methyl labeled morphine: II. Effect of nalorphine in the central nervous system of nontolerant dogs and observations on metabolism. S. J. Mule, L. A. Woods, L. B. Mellett.----- 242
- 8757 Pharmacology of mitomycin C: III. In vitro metabolism by rat liver. H. S. Schwartz.----- 250
- 8758 The absorption, fate and excretion in rats of the water-soluble azo dyes, FD&C Red No. 2, FD&C Red No. 4, and FD&C Yellow No. 6. J. L. Radomski, T. J. Mellinger.----- 259

136:3 June 62

- 8759 Quantification of phasic and tonic stretch reflexes: Effects of neuromuscular blocking agents. C. M. Smith, A. V. Budris, J. W. Paul.----- 267
- 8760 Effects of some central nervous system depressants on the phasic and tonic stretch reflex. J. H. Chin, C. M. Smith.--- 276
- 8761 The effects of mono-urethans, di-urethans and barbiturates on a punishment discrimination. I. Geller, J. Seifter.----- 284
- 8762 Effect of decentralization and ganglionic blocking agents on the spontaneous release of H³-norepinephrine. G. Hertting, L. T. Potter, J. Axelrod.----- 289
- 8763 Antagonism of lysergic acid diethylamide (LSD)-induced hyperthermia. J. T. Elder, M. K. Shellenberger.----- 293
- 8764 The influence of drugs which stimulate skeletal muscle and of their antagonists on flux of calcium, potassium and sodium ions. K. Ahmad, J. J. Lewis.----- 298
- 8765 Analysis of the relation of the positive inotropic action of cardiac glycosides to the frequency of contraction of heart muscle. J. Koch-Weser, J. R. Blinks.----- 305
- 8766 The cardiovascular actions of 7-(N-beta-methylphenethylaminoethyl)-theophylline hydrochloride. J. Yelnosky, G. V. Kirkpatrick, W. M. Govier.----- 318
- 8767 Antagonism of adrenergically-induced cardiac arrhythmias by dichloroisoproterenol. N. C. Moran, J. I. Moore, A. K. Holcomb, G. Mushet.----- 327
- 8768 Acute tolerance to norepinephrine in dogs. M. E. Rosenthal, J. R. DiPalma.----- 336
- 8769 Pharmacology of diazoxide, an antihypertensive, nondiuretic benzothiadiazine. A. A. Rubin, F. E. Roth, R. M. Taylor, H. Rosenkilde.----- 344
- 8770 Renal tubular excretion studies with pyrimidine derivatives and analogs. R. L. Volle, R. E. Green, L. Peters, R. E. Handschumacher, A. D. Welch.----- 353
- 8771 Intestinal transport of L-tyrosine and its derivatives. K. C. Huang.----- 361
- 8772 Effects of salicylate on amino acid incorporation into protein. W. P. Weiss, P. L. Campbell, G. E. Deibler, L. Sokoloff.----- 366

REGISTER OF ARTICLES

8773-8778

136:3 June 62

- 8773 The effect of amphetamine and related compounds on the concentration of adenine nucleotides, inorganic phosphate and creatine phosphate in the rat brain. J. J. Lewis, G. R. Van Petten----- 372
- 8774 1-Amino-2-naphthyl glucuronide, a metabolite of 2,5-dimethoxyphenylazo-2-naphthol and 1-xylylazo-2-naphthol. J. L. Radomski----- 378
- 8775 The role of histamine in ureteral function. H. H. Borgstedt, J. A. Benjamin, V. M. Emmel----- 386
- 8776 The effectiveness of 2-PAM and TMB-4 as adjuncts to atropine therapy in dogs exposed to sarin vapor by inhalation. F. W. Oberst, J. W. Crook, W. S. Koon----- 393
- 8777 Adjunctive value of oral prophylaxis with the oximes 2-PAM lactate and 2-PAM methanesulfonate to therapeutic administration of atropine in dogs poisoned by inhaled sarin vapor. J. W. Crook, A. I. Goodman, J. L. Colbourn, P. Zvirblis, F. W. Oberst, J. H. Wills----- 397
- 8778 Toxicology of acetoxyheximide as a function of sex and body weight. A. J. Pallotta, M. G. Kelly, D. P. Rall, J. W. Ward----- 400
- INDEX (8721-8778) Volume 136. April-June 1962----- 407