

REGISTER OF ARTICLES

8448-8464

131:1 Jan 61

8448	Effects of penicillin on the biosynthesis of the cell walls of escherichia coli and staphylococcus aureus. S. G. Nathenson, J L Strominger.-----	1
8449	The effect of obstructive jaundice on drug metabolism in rabbits. E. F. McLuen, J. R. Fouts.-----	7
8450	Interaction between cerebroside sulfate and amines. J. P. Green, J. D. Robinson, Jr., M. Day.-----	12
8451	Distribution and metabolism of methocarbamol. A. D. Campbell, F. K. Coles, L. L. Eubank, E. G. Huf.-----	18
8452	<u>In vivo</u> metabolism of serotonin and tryptamine: effect of monoamine oxidase inhibition. H. Weissbach, W. Lovenberg, B. G. Redfield, S. Udenfriend.-----	26
8453	Influence of some adrenal and pituitary hormones on the absorption and biological disposition of methadone. H. W. Elliott, C. Elison.-----	31
8454	Studies on the absorption, distribution and elimination of nitrofurantoin in the rat. J. A. Buzard, J. D. Conklin, E. O'Keefe, M. F. Paul.-----	38
8455	The effect of 5-hydroxytryptamine (serotonin) on renal hemodynamics, water and electrolyte excretion. J. M. Little, E. A. Angell, W. Huffman, W. Brooks.-----	44
8456	Effects of adrenalectomy and desoxycorticosterone on stop-flow patterns of sodium and potassium in the rat. H. E. Williamson, T. W. Skulan, F. E. Shideman.-----	49
8457	The inotropic action of certain steroids upon isolated cardiac tissue; with comments on steroidal cardiotoxic structure-activity relationships. R. D. Tanz, C. F. Kerby.-----	56
8458	The pressor response of the cat to histamine and pilocarpine. U. Trendelenburg.-----	65
8459	Antiserotonin-antihistaminic properties of cyproheptadine. C. A. Stone, H. C. Wenger, C. T. Ludden, J. M. Stavorski, C. A. Ross.-----	73
8460	Anticonvulsant and toxicologic properties of some benzilic amides and the physiological disposition of the N-ethyl derivative. J. R. Albert, G. C. Boxill, J. H. Weikel, Jr.-----	85
8461	Effects of morphine and meperidine on the central respiratory mechanisms in the cat; the action of levallorphan in antagonizing these effects. S. H. Ngai.-----	91
8462	Neurochemical correlates of behavior. I. Quantitative measurement of the behavioral effects of the serotonin precursor, 5-hydroxytryptophan. M. H. Aprison, C. B. Ferster.-----	100
8463	Nature of efficiency decrement produced by nitrous oxide on monkeys in a visual discrimination and delayed response test. M. E. Jarvik, M. W. Adler.-----	108
8464	Correlations of activating and lethal effects of excitatory drugs in grouped and isolated mice. E. N. Greenblatt, A. C. Osterberg.-----	115

REGISTER OF ARTICLES

131:1 Jan 61

8465-8483

- 8465 Changes in pain tolerance and other behavior produced by salicylates. B. Weiss, V. G. Laties.----- 120
- 8466 Antiemetic action of fluphenazine (prolixin): a comparison with other phenothiazines. R. J. Laffan, D. P. Papandrianos, J. C. Burke, B. N. Craver.----- 130

131:2 Feb 61

- 8467 The determination of phosphorylase activity in perfused rat heart. N. Haugaard, M. E. Hess, J. Shanfeld, G. Inesi, W. R. Kukovetz.----- 137
- 8468 The influence of sympathetic activity on rat heart phosphorylase. M. E. Hess, J. Shanfeld, N. Haugaard.----- 143
- 8469 The effects of 3-amino-1,2,4-triazole (AT) and sodium tungstate on the peroxidative metabolism of methanol. T. R. Tephly, R. E. Parks, Jr., G. J. Mannering.----- 147
- 8470 L-Gamma-glutamylhydrazine and the metabolism of hydrazine. H. McKennis, Jr., A. S. Yard, E. J. Adair, J. H. Weatherby.---- 152
- 8471 The effects of adrenergic blockade on cationic exchanges in contracting muscle. F. A. Sreter, S. M. Friedman.----- 158
- 8472 The effect of reserpine on gangrene produced by thiopental in the mouse's tail. J. H. Burn, D. B. McDougal, Jr.----- 167
- 8473 Some studies on the anti-tumor effect of reserpine in mice. W. L. West, G. M. Baird, J. D. Steward, S. N. Pradhan.----- 171
- 8474 The anti-reserpine effects of certain centrally-acting agents. G. Chen, B. Bohner.----- 179
- 8475 The effect of maturation on chemically-induced seizures in rats. O. O. Pylkko, D. M. Woodbury.----- 185
- 8476 Inhibition of adrenergic cardiac acceleration by cardiac glycosides. C. Mendez, J. Aceves, R. Mendez.----- 191
- 8477 The anti-adrenergic action of digitalis on the refractory period of the A-V transmission system. C. Mendez, J. Aceves, R. Mendez.----- 199
- 8478 Effect of graded doses of reserpine on the response of myocardial contractility to sympathetic nerve stimulation. J. R. Blinks, D. R. Waud.----- 205
- 8479 Sodium lactate reversal of quinidine effect studied in rabbit atria by the microelectrode technique. A. R. Cox, T. C. West.----- 212
- 8480 The effects of monoamine oxidase inhibitors on ganglionic transmission. S. B. Gertner.----- 223
- 8481 Investigation of certain aspects of atropine-resistant nerve effects. R. C. Ursillo.----- 231
- 8482 Mode of action of succinylcholine on sensory endings of mammalian muscle spindles. C. M. Smith, E. Eldred.----- 237
- 8483 A study on the mechanism of action of cocaine on amphibian peripheral nerve. G. A. Condouris.----- 243

R-33

REGISTER OF ARTICLES

8484-8501

131:2 Feb 61

8484	Distribution of hemoglobin in kidneys of rats treated with mercurials. E. J. Cafruny, J. F. Palmer.-----	250
8485	Effect of pilocarpine on transfer of Ca ⁴⁵ and K ⁴² to rat submaxillary gland and kidney. R. H. Dreisbach.-----	257
8486	The pharmacologic response to 8-aminotheophylline. J. C. Hensala, R. M. Burgison, J. C. Krantz, Jr.-----	261
8487	The effect of estradiol on the free amino acids of the rat uterus. S. M. Kalman, M. E. Lombrozo.-----	265

131:3 Mar 61

8488	Nature of the inhibition of carbonic anhydrase by acetazolamide and benzthiazide. K. C. Leibman, D. Alford, R. A. Boudet.-----	271
8489	Studies on an N-demethylating system in rat liver microsomes. J. S. Roth, J. Bukovsky.-----	275
8490	Effect of ethionine and carbon tetrachloride on urethan and phenobarbital-induced changes in hexobarbital action. J. M. Fujimoto, G. L. Plaa.-----	282
8491	Plasma half-life, tissue distribution, and excretion of triamcinolone-H ³ . J. R. Florini, E. A. Peets, D. A. Buyske.-----	287
8492	Metabolism of 3-hydroxy- and 3,4-dihydroxyphenylpyruvic acids <u>in vivo</u> . R. S. Pogrund, W. Drell, W. G. Clark.-----	294
8493	The effects of carbon dioxide on the entry and accumulation of drugs in the central nervous system. M. A. Goldberg, C. F. Barlow, L. J. Roth.-----	308
8494	The influence of experimental procedures and dose on the intestinal absorption of an onium compound, benzomethamine. R. R. Levine, E. W. Pelikan.-----	319
8495	The influence of the intraluminal intestinal milieu on absorption of an organic cation and an anionic agent. R. R. Levine.	328
8496	The intestinal absorption of some <u>omega</u> -haloalkylamines and their quaternary analogues. R. R. Levine, J. Weinstock, C. S. Zirkle, R. McLean.-----	334
8497	Alteration of carbon tetrachloride-induced pathologic changes in the rat by spinal transection, adrenalectomy and adrenergic blocking agents. T. M. Brody, D. N. Calvert, A. F. Schneider.-----	341
8498	The peripheral cardiovascular actions of guanethidine in dogs. J. W. McCubbin, Y. Kaneko, I. H. Page.-----	346
8499	Some actions of methylphenidate on the vascular system, arterial tissue and the nictitating membrane. R. A. Maxwell, H. D. Sylwestrowicz, R. Holland, F. Schneider, A. I. Daniel.---	355
8500	Close similarity and minor differences between bradykinin and kallidin. C. G. Van Arman, L. M. Miller.-----	366
8501	Measurement of chronic pain relief utilizing dose response of dextromoramide against morphine and placebo. R. O. Bauer, S. M. Free, Jr., E. H. Bowen, Jr.-----	373

REGISTER OF ARTICLES
131:3 Mar 61

8502-8504

8502	The separate and combined respiratory effects of chlorpromazine and meperidine in normal men controlled at 46 mm Hg alveolar pCO ₂ . C. J. Lambertsen, H. Wendel, J. B. Longenhagen.-----	381
8503	Experimental toxicologic studies on 8-methoxypsoralen in animals exposed to the long ultraviolet. R. E. Hakim, R. G. Freeman, A. C. Griffin, J. M. Knox.-----	394
8504	Quantitative measurement of Evans blue space in the tissues of the rat: influence of 5-hydroxytryptamine antagonists and phenelzine on experimental inflammation. V. L. Beach, B. G. Steinetz.-----	400

NOTICE

to Subscribers and Readers

Attention is directed to the current method (ACC) of using entry numbers opposite the unit terms and names comprising the Subject and Author sections of the Journal index. These entry numbers coincide with the appropriate accession numbers listed serially at the left of the titles in the Register of Articles. Their purpose is to condense and unify the three parts of the index, and to expedite its use.

For details of the ACC indexing system please see: This Journal, Vol. 122:2, Jan., Vol. 122: N1-2, Apr., 1958; and Vol. 127: AI 1-2, Dec., 1959.

The possibility has been considered that additional copies of the index, bound separately, might be of value to libraries and to other subscribers and readers for use in reference work. Such a separate distribution would be justified only if the sale of a significant number of copies could be assured. It is suggested that anyone interested in such separate indexes write a letter to the Publisher who can then determine the feasibility of separate distribution.