

## INDEX

- Abstracts of papers, Boston meeting, 1
- Acetate, sodium, in treatment of fluoroacetate poisoning, 82
- Acetylcholine, actions on heart muscle of cat, 243  
 pressor effects of and relation to anticholinesterases, 327
- Adrenal cortex, hormones of, effects on brain of normal and hypophysectomized rats, 40  
 extract, effect of, on glycogenolytic action of a chlorethylamine, 181  
 response to histamine and effect of antihistamines on, 144
- Adrenal, removal of, effect of on vasopressor action of pilocarpine, 125
- Adrenergic blockade, by a chlorethylamine, and hepatic glycogenolysis, 181  
 effect of on vasopressor action of pilocarpine, 125  
 1-hydrazinophthalazine and, 368
- Adrenergic blocking drugs, action of phenoxyethyl analogues of Dibenamine, 379  
 effect of on cardiac arrhythmias induced by epinephrine, nicotine and cyclopropane, 74
- Amidines, m-tolyloxyacetamide, pharmacology of, 353
- Amines, estimation in biological materials, 188
- Ammonium ion, effect of on electrogram and myogram of papillary muscle of cat, 317
- Analgesic drugs, effect of on brain of normal and hypophysectomized rats, 40
- Analgetics, effects of morphine, methadone and meperidine on spinal reflexes, 132
- Anesthetics, general, chloroform, differences in blood concentration in man and dog during anesthesia, 56  
 chloroform, method for estimating in blood, 56  
 cyclopropane, cardiac arrhythmias induced by and prevention of, 74  
 cyclopropane, idioventricular rhythms with epinephrine and, 176
- Anesthetics, local, cocaine, plasma levels, urinary excretion and tissue distribution of, 200
- Anticholinesterases, mechanism of action of, contribution to, ganglionic paralysis produced by, 327
- Antihistamine drugs, effect of on adrenal cortical response to histamine and stress, 144  
 antagonism of tripeleminamine to cardiac effects of m-tolyloxyacetamide, 353  
 central action of, 156
- Antipyresis, estimation of produced by cinchoninic acid derivatives, 313
- Arsenic, content in and trypanocidal activity of rat blood following oxophenarsine, 268
- Aspirin, effect on human pain threshold, 47
- Atkins, E. C., Garrett, H. E., Richardson, A. P., Walker, H. A., and Wilson, S. Effect of 1-hydrazinophthalazine (C-5968) and related compounds on the cardiovascular system of dogs, 368
- Atropine, actions on heart muscle of cat, 243  
 effect of on vasopressor action of pilocarpine, 125
- Bales, P. D., Himwich, H. E., and Johns, R. J. Effects of DFP on the convulsant dose of theophylline, theophylline-ethylenediamine and 8-chlorotheophylline, 237
- Barbital, binding to plasma proteins, determination, in plasma and urine, effect on urinary pH, effect on carbonic anhydrase, renal clearance of, 296
- Barbiturates, effect of on oxygen consumption of brain slices, 163  
 in treatment of fluoroacetate poisoning, 82  
 see Barbital
- Barker, H. G., Crosley, A. P., Jr., and Clark, J. K. Renal hemodynamic effects of phenylephrine hydrochloride in man, 153
- Bass, A. D., Yntema, C. L., Hammond, W. S., and Frazer, M. L. Studies on the mechanism by which sulfadiazine affects the survival of the mammalian embryo, 362
- Bennett, D. R., Hendershot, L. C., Seevers, M. H., Irwin, S., and Houde, R. W. Effects of morphine, methadone and meperidine on some reflex responses of spinal animals to nociceptive stimulation, 132
- Birnie, J. H., Diermeier, H. F., Tepperman, J., and Rakieta, N. Effect of anti-

- histamine drugs on the adrenal cortical response to histamine and to stress, 144
- Bisulfite, sodium, toxicity of, 101
- Brain, oxygen consumption of slices of, effects of barbiturates on, 163
- Bromiley, R. B., and Kuhn, R. A. Human pain thresholds determined by the radiant heat technique and the effect upon them of acetylsalicylic acid, morphine sulfate and sodium phenobarbital, 47
- Bueding, E., and Peters, L. Effect of naphthoquinones on *Schistosoma mansoni* *in vitro* and *in vivo*, 210
- Calcium, effect of on electrogram and myogram of papillary muscle of cat, 317
- Cameron, A., Smith, J., and Craver, B. N. Some pharmacologic properties of m-tolyloxyacetamide hydrochloride, a cardiotonic drug, 353
- Carbonic anhydrase, effect of barbital on, 296
- Cardiac pharmacology, analysis of actions of acetylcholine, atropine, epinephrine and quinidine on heart muscle of cat, 243
- effects of m-tolyloxyacetamide on heart, 353
- epinephrine-cyclopropane arrhythmias, 176
- metabolic actions of quinidine on rat heart muscle, 287
- Chen, G., and Clarke, I. G. Effect of N-(2-chloroethyl)-N-ethyl-1-naphthalene-methylamine-HCl on blood glucose and liver glycogen, 181
- Chloroform, differences in blood concentration in man and dog during anesthesia, 56
- method for estimating in blood, 56
- Cholinesterase, mechanism of action of inhibitors of, 327
- Cinchona alkaloids, see quinidine
- Cinchonic acid, derivatives of, estimation of antipyretic activity, 313
- Clark, J. K., Barker, H. G., and Crosley, A. P., Jr. Renal hemodynamic effects of phenylephrine hydrochloride in man, 153
- Clarke, I. G., and Chen, G. Effect of N-(2-chloroethyl)-N-ethyl-1-naphthalene-methylamine-HCl on blood pressure and liver glycogen, 181
- Cocaine, estimation in biological materials, 188
- plasma levels, urinary excretion and tissue distribution, 200
- Cochin, J., Fornefeld, E. J., McMahon, F. G., Seevers, M. H., and Woods, L. A. Estimation of amines in biological materials with critical data for cocaine and mescaline, 188
- , Woods, L. A., and Seevers, M. H. Absorption, distribution and urinary excretion of mescaline in the dog, 205
- Codeine, metabolism and excretion of, 259
- Colchicine, effect of on synthesis of urea *in vitro*, 345
- Coon, J. M., and Tourtellotte, W. W. Treatment of fluoroacetate poisoning in mice and dogs, 82
- Coronary circulation, in dog, effect of ouabain on, 112
- Costa, P., Handley, C. A., Moyer, J. H., and Kennedy, O. Renal response to thyroxin administration, 283
- Craver, B. N., Cameron, A., and Smith, J. Some pharmacologic properties of m-tolyloxyacetamide hydrochloride, a cardiotonic drug, 353
- Cronheim, G., and King, J. S., Jr. Adsorption of digestive enzymes by sulfonamides, 230
- Crosley, A. P., Jr., Clark, J. K., and Barker, H. G. Renal hemodynamic effects of phenylephrine hydrochloride in man, 153
- Cyclopropane, arrhythmias by, and epinephrine, 176
- del Pozo, E. C., Pardo, E. G., and Garcia-Tellez, D. Action of several principles and extracts of the digitalis group on ischemic skeletal muscle, 63
- DFP, effect of on convulsant dose of theophylline, 8-chlorotheophylline and aminophylline, 237
- Dibenamine, action of phenoxyethyl analogues of, 379
- Diermeier, H. F., Tepperman, J., Rakieten, N., and Birnie, J. H. Effect of antihistamine drugs on the adrenal cortical response to histamine and to stress, 144
- Digitalis, chemical estimation of digitoxin and correlation with clinical potency, 167
- compounds related to, action of on ischemic skeletal muscle, 63
- glycosides of, effect of ouabain on coro-

- nary and other circulatory functions in intact anesthetized dogs, 112  
 see also Digitoxin, Ouabain  
 tinctures of, action on ischemic skeletal muscle, 68
- Digitoxin, chemical estimation of and correlation with clinical potency, 167
- DiPalma, J. R., and Mascatello, A. V. Analysis of the actions of acetylcholine, atropine, epinephrine and quinidine on heart muscle of the cat, 243
- Donin, L., Litter, M., and Moreno, A. R. Salicylamide: pharmacology, fate and clinical use, 119
- Drill, V. A., and Hays, H. W. Effect of halogenated ethylamines on cardiac arrhythmias induced by epinephrine, nicotine and cyclopropane, 74
- Edema, pulmonary, effect of drugs on, 107
- Elliott, H. W., and Latham, M. E. Some aspects of the metabolism of codeine in the rat, 259
- Ellis, S. Effect of amines on the blood sugar of the rat, 92
- Embryo, toxins to, sulfonamides, nitrogen mustard, colchicine, 362
- Ephedrine, blockade of epinephrine-produced hyperglycemia by, 92
- Epinephrine, actions on heart muscle of cat, 243  
 effect of a chloroethylamine (SY-14) on hyperglycemia induced by, 181  
 effect of halogenated ethylamines on cardiac arrhythmias induced by, 74  
 hyperglycemia produced by and blockade by ephedrine, 92  
 idioventricular rhythms with cyclopropane and, 176
- Ethanol, in treatment of fluoroacetate poisoning, 82
- Ethylamines, halogenated, effect of on cardiac arrhythmias induced by epinephrine, nicotine and cyclopropane, 74
- Flataker, L., and Winter, C. A. Effect of antihistamine drugs upon the performance of trained rats, 156
- Fluoroacetate, treatment of poisoning in mice and dogs, 82
- Foltz, E. L., Sheldon, W. F., Wendel, H., and Page, R. G. Effect of ouabain on the coronary circulation and other circulatory functions in intact anesthetized dogs, 112
- Fornefeld, E. J., McMahon, F. G., Seevers, M. H., Woods, L. A., and Cochin, J. Estimation of amines in biological materials with critical data for cocaine and mescaline, 188
- Frazer, M. L., Bass, A. D., Yntema, C. L., and Hammond, W. S. Studies on the mechanism by which sulfadiazine affects the survival of the mammalian embryo, 362
- Frederickson, E. L., Orth, O. S., and Morris, L. E. Differences in the concentration of chloroform in the blood of man and dog during anesthesia, 56
- Ganglion, sympathetic, paralysis by anticholinesterases, 327
- Ganglionic blockade, effect of as produced by TEA and nicotine on vasopressor action of pilocarpine, 125
- Garb, S. Effects of potassium, ammonium, calcium, strontium and magnesium on the electrogram and myogram of mammalian heart muscle, 317
- Garcia-Tellez, D., del Pozo, E. C., and Pardo, E. G. Action of several principles and extracts of the digitalis group on ischemic skeletal muscle, 63  
 —, and Pardo, E. G. Comparative study of the action of two tinctures of the digitalis group on ischemic skeletal muscle, 68
- Garrett, H. E., Richardson, A. P., Walker, H. A., Wilson, S., and Atkins, E. C. Effect of 1-hydrazinophthalazine (C-5968) and related compounds on the cardiovascular system of dogs, 368
- Giotti, A., and Maynert, E. W. Renal clearance of barbital and the mechanism of its reabsorption, 296
- Glucose, blood, effect of a chloroethylamine (SY-14) on, 181
- Glycogen, liver, effect of a chloroethylamine (SY-14) on, 181
- Glycogenolysis, by sympathomimetic amines, 92
- Goble, F. C., and Hoppe, J. O. Intravenous toxicity of sodium bisulfite, 101
- Gruhzit, C. C., Moe, G. K., Rennick, B. R., and Pardo, E. G. Role of thoracic sympathetic pathways in the induction of ventricular ectopic rhythms by epinephrine and cyclopropane, 176  
 —, Peralta, B., and Moe, G. K. Pulmonary arterial pressor effect of certain sulfhydryl inhibitors, 107

- Hammond, W. S., Frazer, M. L., Bass, A. D., and Yntema, C. L. Studies on the mechanism by which sulfadiazine affects the survival of the mammalian embryo, 362
- Handley, C. A., Moyer, J. H., Kennedy, O., and Costa, P. Renal response to thyroxin administration, 283
- Hansen, D., Whitney, B., and Seeberg, V. P. Absorption and distribution of salicylamide, 275
- Hays, H. W., and Drill, V. A. Effect of halogenated ethylamines on cardiac arrhythmias induced by epinephrine, nicotine and cyclopropane, 74
- Hendershot, L. C., SeEVERS, M. H., Irwin, S., Houde, R. W., and Bennett, D. R. Effects of morphine, methadone and meperidine on some reflex responses of spinal animals to nociceptive stimulation, 132
- Himwich, H. E., Johns, R. J., and Bales, P. D. Effects of DFP on the convulsant dose of theophylline, theophylline-ethylenediamine and 8-chlorotheophylline, 237
- Histamine, adrenal cortical response to and effect of antihistamines on, 144  
see Antihistamine drugs
- Hoppe, J. O., and Goble, F. C. Intravenous toxicity of sodium bisulfite, 101
- Houde, R. W., Bennett, D. R., Hendershot, L. C., SeEVERS, M. H., and Irwin, S. Effects of morphine, methadone and meperidine on some reflex responses of spinal animals to nociceptive stimulation, 132
- 1-Hydrazinophthalazine (C-5968), effect of on cardiovascular system of dogs, 368
- Hyperglycemia, sympathomimetic amines and, in rat, 92
- Irwin, S., Houde, R. W., Bennett, D. R., Hendershot, L. C., and SeEVERS, M. H. Effects of morphine, methadone and meperidine on some reflex responses of spinal animals to nociceptive stimulation, 132
- Johns, R. J., Bales, P. D., and Himwich, H. E. Effects of DFP on the convulsant dose of theophylline, theophylline-ethylenediamine and 8-chlorotheophylline, 237
- Karczmar, A. G., and Koppanyi, T. Contribution to the study of the mechanism of action of cholinesterase inhibitors, 327
- Kennedy, O., Costa, P., Handley, C. A., and Moyer, J. H. Renal response to thyroxin administration, 283
- Kidney, hemodynamic effect of sympathomimetic amines on, 153  
renal response to thyroxin administration, 283
- King, J. S., Jr., and Cronheim, G. Adsorption of digestive enzymes by sulfonamides, 230
- Koppanyi, T., and Karczmar, A. G. Contribution to the study of the mechanism of action of cholinesterase inhibitors, 327
- Kuhn, R. A., and Bromiley, R. B. Human pain thresholds by the radiant heat technique and the effect upon them of acetylsalicylic acid, morphine sulfate and sodium phenobarbital, 47
- Latham, M. E., and Elliott, H. W. Some aspects of the metabolism of codeine in the rat, 259
- Litter, M., Moreno, A. R., and Donin, L. Salicylamide: pharmacology, fate and clinical use, 119
- Magnesium, effect of on electrogram and myogram of papillary muscle of cat, 317
- Maison, G. L., Stutzman, J. W., and Simon, H. Role of vagus nerves in depressor action of veratrum derivatives, 310
- March, C. H., Way, E. L., Signorotti, B. T., and Peng, C. T. Studies on the urinary, fecal and biliary excretion of d,l methadone by countercurrent distribution, 249
- Maren, T. H. Estimation of the antipyretic activity of cinchoninic acid derivatives, 313
- Mascatello, A. V., and DiPalma, J. R. Analysis of the actions of acetylcholine, atropine, epinephrine and quinidine on heart muscle of the cat, 243
- Maynert, E. W., and Giotti, A. Renal clearance of barbital and the mechanism of its reabsorption, 296
- McKinney, G. R. Effect of certain compounds on the *in vitro* synthesis of urea and its precursors, 345
- McMahon, F. G., SeEVERS, M. H., and

- Woods, L. A. Distribution and metabolism of cocaine in the dog and rabbit, 200
- , Seevers, M. H., Woods, L. A., Cochlin, J., and Fornefeld, E. J. Estimation of amines in biological materials with critical data for cocaine and mescaline, 188
- Meperidine, effect of on spinal reflexes, 132
- Mescaline, absorption, distribution, urinary excretion in dog, 205  
 estimation in biological materials, 188  
 plasma levels, urinary excretion and tissue distribution in the dog, 205
- Methadone, d, l, countercurrent distribution studies on urinary, fecal and biliary excretion of, 249  
 effect of on spinal reflexes, 132
- Moe, G. K., Gruhzt, C. C., and Peralta, B. Pulmonary arterial pressor effect of certain sulfhydryl inhibitors, 107
- , Rennick, B. R., Pardo, E. G., and Gruhzt, C. C. Role of thoracic sympathetic pathways in the induction of ventricular ectopic rhythms by epinephrine and cyclopropane, 176
- Moreno, A. R., Donin, L., and Litter, M. Salicylamide: pharmacology, fate and clinical use, 119
- Morphine, effect of on human pain threshold, 47  
 effect of on spinal reflexes, 132
- Morris, L. E., Frederickson, E. L., and Orth, O. S. Differences in the concentration of chloroform in the blood of man and dog during anesthesia, 56
- Moyer, J. H., Kennedy, O., Costa, P., and Handley, C. A. Renal response to thyroxin administration, 283
- Muscle, cardiac, papillary, effect of ions on electrogram and myogram of, 317  
 striated, ischemic, action of cardioactive drugs on, 63  
 striated, ischemic, action of tinctures of digitalis on, 68
- Mustard, nitrogen, effect of on synthesis of urea *in vitro*, 345
- Nakamura, K., Webb, J. L., and Saunders, P. R. Metabolism of the heart in relation to drug action. VI. Metabolic actions of quinidine on rat heart muscle, 287
- Naphthoquinones, effect of on *Schistosoma mansoni in vitro* and *in vivo*, 210
- Nickerson, M., and Nomaguchi, G. M. Adrenergic blocking action of phenoxyethyl analogues of Dibenamine, 379
- Nicotine, effect of halogenated ethylamines on cardiac arrhythmias induced by, 74
- Nomaguchi, G. M., and Nickerson, M. Adrenergic blocking action of phenoxyethyl analogues of Dibenamine, 379
- Orth, O. S., Morris, L. E., and Frederickson, E. L. Differences in the concentration of chloroform in the blood of man and dog during anesthesia, 56
- Ouabain, effect of on coronary and other circulatory functions in intact anesthetized dogs, 112
- Oxophenarsine HCl, trypanocidal activity and arsenic content of rat blood following intravenous injection of, 268
- Page, R. G., Foltz, E. L., Sheldon, W. F., and Wendel, H. Effect of ouabain on the coronary circulation and other circulatory functions in intact anesthetized dogs, 112
- Pain, determination of threshold in humans and effect of drugs on, 47  
 perception of and relation to spinal reflexes, 132
- Pancreatin, adsorption of by sulfonamides, 230
- Pardo, E. G., and Garcia-Tellez, D. Comparative study of the action of two tinctures of the digitalis group on ischemic skeletal muscle, 68
- , Garcia-Tellez, D., and del Pozo, E. C. Action of several principles and extracts of the digitalis group on ischemic skeletal muscle, 63
- , Gruhzt, C. C., Moe, G. K., and Rennick, B. R. Role of thoracic sympathetic pathways in the induction of ventricular ectopic rhythms by epinephrine and cyclopropane, 176
- Peng, C. T., Way, E. L., Signorotti, B. T., and March, C. H. Studies on the urinary fecal and biliary excretion of d, l methadone by countercurrent distribution, 249
- Pepsin, adsorption of by sulfonamides, 230
- Peralta, B., Moe, G. K., and Gruhzt, C. C. Pulmonary arterial pressor effect of certain sulfhydryl inhibitors, 107
- Permeability, renal, to barbital, 296

- Peters, L., and Bueding, E. Effect of naphthoquinones on *Schistosoma mansoni* *in vitro* and *in vivo*, 210
- , and Wright, H. N. Trypanocidal activity and arsenic content of rat blood following intravenous oxophenarsine HCl, 268
- Phenoxyethyl derivatives, as adrenergic blocking drugs, 379
- Phenylephrine, renal hemodynamic effects of in man, 153
- Pilocarpine, aspects of vasopressor action of, 125
- Podophyllotoxin, effect of on synthesis of urea *in vitro*, 345
- Potassium, effect of on electrogram and myogram of papillary muscle of cat, 317
- Quinidine, actions on heart muscle of cat, 243  
metabolic actions of on rat heart muscle, 287
- Rakieten, N., Birnie, J. H., Diermeier, H. F., and Tepperman, J. Effect of antihistamine drugs on the adrenal cortical response to histamine and to stress, 144
- Renal clearance, of barbital, 296
- Rennick, B. R., Pardo, E. G., Gruhitz, C. C., and Moe, G. K. Role of thoracic sympathetic pathways in the induction of ventricular ectopic rhythms by epinephrine and cyclopropane, 176
- Richardson, A. P., Walker, H. A., Wilson, S., Atkins, E. C., and Garrett, H. E. Effect of 1-hydrazinophthalazine (C-5968) and related compounds on the cardiovascular system of dogs, 368
- Root, M. A. Certain aspects of the vasopressor action of pilocarpine, 125
- Salicylamide, absorption and distribution of, 275  
clinical use in rheumatic conditions, 119  
pharmacology of, 119
- Salicylates, absorption and distribution of, 275
- Salter, W. T., and Sciarini, L. J. Chemical correlatives of digitalis potency in man, cat and pigeon, 167
- Saunders, P. R., Nakamura, K., and Webb, J. L. Metabolism of the heart in relation to drug action. VI. Metabolic actions of quinidine on rat heart muscle, 287
- Schistosoma mansoni*, effect of naphthoquinones on, *in vitro* and *in vivo*, 210
- Sciarini, L. J., and Salter, W. T. Chemical correlatives of digitalis potency in man, cat and pigeon, 167
- Seeberg, V. P., Hansen, D., and Whitney, B. Absorption and distribution of salicylamide, 275
- SeEVERS, M. H., COCHIN, J., and WOODS, L. A. Absorption, distribution and urinary excretion of mescaline in the dog, 205
- , Irwin, S., Houde, R. W., Bennett, D. R., and Hendershot, L. C. Effects of morphine, methadone and meperidine on some reflex responses of spinal animals to nociceptive stimulation, 132
- , Woods, L. A., Cochin, J., Fornefeld, E. J., and McMahan, F. G. Estimation of amines in biological materials with critical data for cocaine and mescaline, 188
- , Woods, L. A., and McMahan, F. G. Distribution and metabolism of cocaine in the dog and rabbit, 200
- Sheldon, W. F., Wendel, H., Page, R. G., and Foltz, E. L. Effect of ouabain on the coronary circulation and other circulatory functions in intact anesthetized dogs, 112
- Signorotti, B. T., Way, E. L., March, C. H., and Peng, C. T. Studies on the urinary, fecal and biliary excretion of d, l methadone by countercurrent distribution, 249
- Simon, H., Maison, G. L., and Stutzman, J. W. Role of vagus nerves in depressor action of veratrum derivatives, 310
- Smith, J., Craver, B. N., and Cameron, A. Some pharmacologic properties of m-tolyloxyacetamide hydrochloride, a cardiostonic drug, 353
- Spinal reflexes, effects of analgetics on, 132
- Stress, effect of antihistamines on adrenal cortical response to, 144
- Strontium, effect of on electrogram and myogram of papillary muscle of cat, 317
- Stutzman, J. W., Simon, H., and Maison, G. L. Role of vagus nerves in depressor action of veratrum derivatives, 310
- Sulfhydryl inhibitors, action on pulmonary pressure, 107
- Sulfonamides, adsorption of digestive enzymes by, 230  
mechanism by which they affect survival of the mammalian embryo, 362
- Sympathomimetic amines, effect of on blood sugar of rat, 92

- epinephrine, idioventricular rhythms with cyclopropane and, 176  
renal hemodynamic effects of phenylephrine in man, 153  
see Epinephrine
- Tepperman, J., Rakietyen, N., Birnie, J. H., and Diermeier, H. F. Effect of antihistamine drugs on the adrenal cortical response to histamine and to stress, 144
- Thyroxin, effect on glomerular filtration rate, renal oxygen uptake, renal plasma flow, renal tubular transport, 283
- Tourtellotte, W. W., and Coon, J. M. Treatment of fluoroacetate poisoning in mice and dogs, 82
- Trypanocidal activity, and arsenic content of rat blood following intravenous oxophenarsine, 268
- Trypsin, adsorption of by sulfonamides, 230
- Urea, effect of colchicine, podophyllotoxin, nitrogen mustard on synthesis of *in vitro*, 345
- Vagus, role of in depressor action of veratrum alkaloids, 310
- Veratrum, alkaloids, depressor action of and role of vagus, 310
- Walker, H. A., Wilson, S., Atkins, E. C., Garrett, H. E., and Richardson, A. P. Effect of 1-hydrazinophthalazine (C-5968) and related compounds on the cardiovascular system of dogs, 368
- Way, E. L., Signorotti, B. T., March, C. H., and Peng, C. T. Studies on the urinary fecal and biliary excretion of d, l methadone by countercurrent distribution, 249
- Webb, J. L., Saunders, P. R., and Nakamura, K. Metabolism of the heart in relation to drug action. VI. Metabolic actions of quinidine on rat heart muscle, 287
- Wendel, H., Page, R. G., Foltz, E. L., and Sheldon, W. F. Effect of ouabain on the coronary circulation and other circulatory functions in intact anesthetized dogs, 112
- Westfall, B. A. Effects of pentobarbital, amobarbital and barbital on oxygen consumption of brain slices, 163
- Whitney, B., Seeberg, V. P., and Hansen, D. Absorption and distribution of salicylamide, 275
- Wilson, S., Atkins, E. C., Garrett, H. E., Richardson, A. P., and Walker, H. A. Effect of 1-hydrazinophthalazine (C-5968) and related compounds on the cardiovascular system of dogs, 368
- Winter, C. A., and Flataker, L. Effect of antihistamine drugs upon the performance of trained rats, 156
- Woods, L. A., Cochin, J., Fornefeld, E. J., McMahon, F. G., and Seevers, M. H. Estimation of amines in biological materials with critical data for cocaine and mescaline, 188
- , McMahon, F. G., and Seevers, M. H. Distribution and metabolism of cocaine in the dog and rabbit, 200
- , Seevers, M. H., and Cochin, J. Absorption, distribution and urinary excretion of mescaline in the dog, 205
- Wright, H. N., and Peters, L. Trypanocidal activity and arsenic content of rat blood following intravenous oxophenarsine HCl, 268
- Xanthines, effect of DFP on convulsant dose of theophylline, 8-chlorotheophylline and aminophylline, 237
- Yntema, C. L., Hammond, W. S., Frazer, M. L., and Bass, A. D. Studies on the mechanism by which sulfadiazine affects the survival of the mammalian embryo, 362
- Zauder, H. L. Effect of certain analgesic drugs and adrenal cortical hormones on the brain of normal and hypophysectomized rats as measured by the thio-barbituric acid reagent, 40