

INDEX

- Acetylcholine, cardiovascular stimulation produced by, Effect on, of calcium, 153
- Acidosis and anoxia, Effect of, on concentration of quinacrine and chloroquine in blood, 345
- Ackerman, Elizabeth M., Salter, William T., and Sciarini, Louis J. Response of isolated hypodynamic myocardium to inotropic drugs, 432
- N-Alkylarterenols, Comparative pharmacology of, 108
- Alkylated phosphorus compounds, Inhibition by, of cholinesterase activity of human blood plasma and erythrocyte stromata, 162
- Amidone, Acute vascular tolerance to, in dogs, 414
and morphine; Comparative pharmacologic actions of, 269
Determination and urinary excretion of, 98
Effects of single doses of, on human subjects, 83
- 1-Amino-1-phthalidylpropane hydrochloride, Effects of, on excised and intact intestine and uterus, 315
- 4 - Amino - 4' - propylaminodiphenylsulfone and sulfadiazine in experimental pneumococcus infection, 352
- Aminoethyl tetrazoles, Pharmacologic properties of, 323
- Aminophenyl tetrazoles, Pharmacologic properties of, 330
- Ammonium iodides, quaternary, derived from cinchona alkaloids, Curariform activity of, 127
- Analgesic drugs, Effects of, upon excised frog and terrapin hearts and upon terrapin cardiac vagus nerve, 59
- Anesthesia, ether and dial-urethane, Effect of, on passage of sulfathiazole into cerebrospinal fluid, 277
- Anoxia and acidosis, Effect of, on concentration of quinacrine and chloroquine in blood, 345
- ANTU toxicity in rats, Effects on, of iodides, l-thiosorbitol, and twenty-five other compounds, 15
- Atropine and scopolamine, Influence of, on central effects of DFP, 63
- Bahler, M. E., and Florestano, H. J. Investigation of some newer sulfonamides as intestinal chemotherapeutic agents, 196
- BAL, Efficacy of, in treatment of experimental lead poisoning in rabbits, 397
Influence of, on toxicity and chemotherapeutic activity of mapharsen, 121
- Barbiturate narcosis, progressive, in dogs, Respiratory, electroencephalographic and blood gas changes in, 331
- Becker, T. J., Tainter, M. L., and Miller, Lloyd C. Quantitative evaluation of spasmolytic drugs in vitro, 260
- Belford, Julius, Salter, William T., and White, Wallace F. Isodynamic equivalents of digitoxin congeners as tested on hypodynamic myocardium, 443
- Benadryl and histamine, Biological assay of, 90
- Boxer, George E., Jelinek, Viola C., Tompsett, Ralph, DuBois, Rebeckah, and Edison, Ann O. Streptomycin in blood, 226
- Brauer, Ralph W. Inhibition of cholinesterase activity of human blood plasma and erythrocyte stromata by alkylated phosphorus compounds, 162
- Butler, Thomas C. Metabolic fate of chloral hydrate, 49
- Calcium, Effect of, on cardiovascular stimulation produced by acetylcholine, 153
- Cannon, W. M., Walton, R. P., and Preacher, C. B. Acute and chronic toxicity of octin, 214
- Cardiac and renal circulatory changes and diuresis caused by mersalyl, Influence on, of sulfhydryl compounds, 73
glycosides, Determination of therapeutic, irregularity, and lethal doses of, in heart-lung preparation of dog, 32
- Cerebrospinal fluid, passage into, of sulfathiazole, effect on, of ether and dial-urethane anesthesia, 277
- Chen, Graham, Ensor, Charles R., and Clarke, Isabel G. Biological assay of histamine and benadryl, 90
- Chloral hydrate, Metabolic fate of, 49
- Chloroquine and quinacrine concentration

- in blood, Effect on, of acidosis and anoxia, 345
- Cholinesterase activity of human blood plasma and erythrocyte stromata, Inhibition of, by alkylated phosphorus compounds, 162
- Chu, Nai, Driver, R. L., and Hanzlik, P. J. Anticonvulsant action of isopropyl alcohol, 291
- Cinchona alkaloids, Curariform activity of quaternary ammonium iodides derived from, 127
- CO₂ stimulating action on respiration in cats, Effect of various anesthetics and decerebration on, 187
- Cooper, B. J., Gruhzt, O. M., and Fischen, R. A. Tetraethylammonium chloride, acute and chronic toxicity in experimental animals, 103
- Cronheim, Georg, and Ware, Palmer A. Determination and urinary excretion of amidone, 98
- Curariform activity of quaternary ammonium iodides derived from cinchona alkaloids, 127
- Dávila, M., Huidobro, F., and Valdés, R. Influence of autonomic nervous system on intestinal absorption of hypertonic solution of glucose, 336
- Dayrit, Conrado, Manry, Clayton H., and SeEVERS, M. H. Pharmacology of hexaethyl tetraphosphate, 173
- DeBeer, Edwin J., Hjort, Axel M., and Randall, Lowell O. Pharmacology of compounds related to β -2,5-dimethoxy phenethyl amine, 283
- Demerol, Acute vascular tolerance to, in dog, 414
- Dertinger, B. L., Granger, H. R., McCarthy, H. M., Lands, A. M., and Nash, V. L. Pharmacology of compounds structurally related to hydroxytyramine, 369
- DFP, central effects of, Influence on, of atropine and scopolamine, 63
- Digitoxin congeners, Isodynamic equivalents of, as tested on hypodynamic myocardium, 443
- β -2,5-Dimethoxy phenethyl amine, Pharmacology of compounds related to, 283
- Diuresis and renal and cardiac circulatory changes caused by mersalyl, Influence on, of sulphydryl compounds, 73
- Diuretic action of formoguanamine in normal persons, 131
- Dreyfuss, M. L., Finnegan, J. K., Haag, H. B., and Larson, P. S. Comparative pharmacologic actions of amidone and morphine, 269
- Driver, R. L., Hanzlik, P. J., and Chu, Nai. Anticonvulsant action of isopropyl alcohol, 291
- DuBois, Rebeckah, Edison, Ann O., Boxer, George E., Jelinek, Viola C., and Tompsett, Ralph. Streptomycin in blood, 226
- Eagle, Harry, and Germuth, Frederick G., Jr. Efficacy of BAL in treatment of experimental lead poisoning in rabbits, 397
- Edison, Ann O., Boxer, George E., Jelinek, Viola C., Tompsett, Ralph, and DuBois, Rebeckah. Streptomycin in blood, 226
- Ehrich, William E., and Seifter, Joseph. Goitrogenic compounds: pharmacological and pathological effects, 303
- Eisenman, Anna J., Wikler, Abraham, Frank, Karl, and Isbell, Harris. Effects of single doses of amidone on human subjects, 83
- Ensor, Charles R., Clarke, Isabel G., and Chen, Graham. Biological assay of histamine and benadryl, 90
- Ercoli, N., and Wilson, William. Influence of BAL on toxicity and chemotherapeutic activity of mapharsen, 121
- Everett, Guy M. Pharmacological studies of d-tubocurarine and other curare fractions, 236
- Farah, Alfred, and Maresh, George. Determination of therapeutic, irregularity, and lethal doses of cardiac glycosides in heart-lung preparation of dog, 32
- and Maresh, George. Influence of sulphydryl compounds on diuresis and renal and cardiac circulatory changes caused by mersalyl, 73
- Featherstone, R. M., and Gross, E. G. Pharmacologic properties of aminocethyl tetrazoles, 323
- and Gross, E. G. Pharmacologic properties of aminophenyl tetrazoles, 330
- Finnegan, J. K., Haag, H. B., Larson, P. S., and Dreyfuss, M. L. Compar-

- ative pharmacologic actions of amidone and morphine, 269
- Fiske, Virginia M., and Werthessen, Nicholas T. Effects of stilbestrol and its monomethyl ether in immature male rat, 363
- Fisken, R. A., Cooper, B. J., and Gruhzt, O. M. Tetraethylammonium chloride, acute and chronic toxicity in experimental animals, 103
- Florestano, H. J., and Bahler, M. E. Investigation of some newer sulfonamides as intestinal chemotherapeutic agents, 196
- Foley, Joseph M., and Swank, Roy L. Respiratory, electroencephalographic, and blood gas changes in progressive barbiturate narcosis in dogs, 381
- Formoguanamine, Diuretic action of, in normal persons, 131
- Frank, Karl, Isbell, Harris, Eisenman, Anna J., and Wikler, Abraham. Effects of single doses of amidone on human subjects, 83
- Frias, J. E. G., McClosky, W. T., and Smith, M. I. Action of PAS in experimental tuberculosis, 447
- Gammexane (gamma hexachlorocyclohexane). Treatment of acute poisoning produced by, 147
- Germuth, Frederick G., Jr., and Eagle, Harry. Efficacy of BAL in treatment of experimental lead poisoning in rabbits, 397
- Glucose, hypertonic solution of, Influence of autonomic nervous system on intestinal absorption of, 336
- Goitrogenic compounds: pharmacological and pathological effects, 303
- Goodline, Mary A., and Parfentjev, I. A. Histamine shock in mice sensitized with *Hemophilus pertussis* vaccine, 411
- Granger, H. R., McCarthy, H. M., Lands, A. M., Nash, V. L., and Dertinger, B. L. Pharmacology of compounds structurally related to hydroxytyramine, 369
- Siegmund, O. H., and Nash, V. L. Vasopressor activity of some new orally active sympathomimetic amines, 207
- Green, R. E., McNamara, B. P., Krop, Stephen, and Wescoe, W. Clarke. Influence of atropine and scopolamine on central effects of DFP, 63
- Gross, E. G., and Featherstone, R. M. Pharmacologic properties of aminoethyl tetrazoles, 323
- and Featherstone, R. M. Pharmacologic properties of aminophenyl tetrazoles, 330
- Gruber, Charles M., and Keyser, Goldie Freedman. Effects of 1-amino-1-phthalidylpropane hydrochloride on excised and intact intestine and uterus, 315
- and Keyser, Goldie Freedman. Effects of analgesic drugs upon excised frog and terrapin hearts and upon terrapin cardiac vagus nerve, 59
- Gruhzt, O. M., Fisken, R. A., and Cooper, B. J. Tetraethylammonium chloride, acute and chronic toxicity in experimental animals, 103
- Haag, H. B., Larson, P. S., Dreyfuss, M. L., and Finnegan, J. K. Comparative pharmacologic actions of amidone and morphine, 269
- Hanzlik, P. J., Chu, Nai, and Driver, R. L. Anticonvulsant action of isopropyl alcohol, 291
- Hearts, frog and terrapin, excised, and terrapin cardiac vagus nerve, Effects upon, of analgesic drugs, 59
- Hemophilus pertussis* vaccine, Histamine shock in mice sensitized with, 411
- Hexachlorocyclohexane, observations on pharmacology of isomers of, 140
- Hexaethyl tetraphosphate, Pharmacology of, 173
- Histamine and benadryl, Biological assay of, 90
- estimation of, Improved colorimetric method for, 425
- shock in mice sensitized with *Hemophilus pertussis* vaccine, 411
- Hjort, Axel M., Randall, Lowell O., and DeBeer, Edwin J. Pharmacology of compounds related to β -2,5-dimethoxyphenethyl amine, 283
- Huidobro, F., and Valenzuela, F. Action of pyridine and some derivatives of pyridine-3-carboxylic acid on neuromuscular transmission, 1
- Valdés, R., and Dávila, M. Influence of autonomic nervous system on intestinal absorption of hypertonic solution of glucose, 336

- Hydroxytyramine, Pharmacology of compounds structurally related to, 369
- Inotropic drugs, Response to, of isolated hypodynamic myocardium, 432
- Iodides, 1-thiosorbitol, and 25 other compounds, Effects of, on ANTU toxicity in rats, 15
- Isbell, Harris, Eisenman, Anna J., Wikler, Abraham, and Frank, Karl. Effects of single doses of amidone on human subjects, 83
- Isochondrodendrines, Curariform activity of, 454
- Isopropyl alcohol, Anticonvulsant action of, 291
- Jailer, Joseph W., Zubrod, Charles G., Rosenfeld, Norris, and Shannon, James A. Effect of acidosis and anoxia on concentration of quinacrine and chloroquine in blood, 345
- Jelinek, Viola C., Tompsett, Ralph, DuBois, Rebeckah, Edison, Ann O., and Boxer, George E. Streptomycin in blood, 226
- Johnson, H. T., and Shideman, F. E. Acute vascular tolerance to morphine, demerol and amidone in dog, 414
- Junge, J. McBroom, and Smith, M. I. Sulfone and sulfadiazine in experimental pneumococcus infection, 352
- Karel, Leonard, and Meyer, Bertram J. Effects of iodides, 1-thiosorbitol, and twenty-five other compounds on ANTU toxicity in rats, 15
- Keyser, Goldie Freedman, and Gruber, Charles M. Effects of 1-amino-1-phthalidylpropane hydrochloride on excised and intact intestine and uterus, 315
- and Gruber, Charles M. Effects of analgesic drugs upon excised frog and terrapin hearts and upon terrapin cardiac vagus nerve, 59
- Krop, Stephen, and McNamara, Bernard P. Observations on pharmacology of isomers of hexachlorocyclohexane, 140
- and McNamara, Bernard. Treatment of acute poisoning produced by gamma hexachlorocyclohexane (gammexane), 147
- McKay, Elizabeth A., and McNamara, Bernard. Effect of calcium on cardiovascular stimulation produced by acetylcholine, 153
- Wescoe, W. Clarke, Green, R. E., and McNamara, B. P. Influence of atropine and scopolamine on central effects of DFP, 63
- Lands, A. M., Nash, V. L., Dertinger, B. L., Granger, H. R., and McCarthy, H. M. Pharmacology of compounds structurally related to hydroxytyramine, 369
- Larson, P. S., Dreyfuss, M. L., Finnegan, J. K., and Haag, H. B. Comparative pharmacologic actions of amidone and morphine, 269
- Lead poisoning, experimental, in rabbits, Efficacy of BAL in treatment of, 397
- Lehmann, G. Pharmacological properties of thephorin and derivatives, 249
- Lipschitz, Werner L., and Stokey, Edgar. Diuretic action of formoguanamine in normal persons, 131
- Manry, Clayton H., Seevers, M. H., and Dayrit, Conrado. Pharmacology of hexaethyl tetraphosphate, 173
- Mapharsen, toxicity and chemotherapeutic activity of, Influence on, of BAL, 121
- Maresh, George, and Farah, Alfred. Determination of therapeutic, irregularity, and lethal doses of cardiac glycosides in heart-lung preparation of dog, 32
- and Farah, Alfred. Influence of sulfhydryl compounds on diuresis and renal and cardiac circulatory changes caused by mersalyl, 73
- Marsh, David F., and Pelletier, M. H. Curariform activity of d-N-methylisochondrodendrine and d-O-methyl-N-methylisochondrodendrine, 454
- and Pelletier, M. H. Curariform activity of quaternary ammonium iodides derived from cinchona alkaloids, 127
- Pelletier, M. H., and Ross, C. A. Comparative pharmacology of N-alkylarterenols, 108
- Marshall, E. K., Jr. Absorption, distribution and excretion of streptomycin, 43
- McCarthy, H. M., Lands, A. M., Nash, V. L., Dertinger, B. L., and Granger, H. R. Pharmacology of compounds structurally related to hydroxytyramine, 369

- McClosky, W. T., Smith, M. I., and Frias, J. E. G. Action of PAS in experimental tuberculosis, 447
- McKay, Elizabeth A., McNamara, Bernard, and Krop, Stephen. Effect of calcium on cardiovascular stimulation produced by acetylcholine, 153
- McNamara, Bernard P., and Krop, Stephen. Observations on pharmacology of isomers of hexachlorocyclohexane, 140 and Krop, Stephen. Treatment of acute poisoning produced by gamma hexachlorocyclohexane (gammexane), 147
- Krop, Stephen, and McKay, Elizabeth A. Effect of calcium on cardiovascular stimulation produced by acetylcholine, 153
- Krop, Stephen, Wescoe, W. Clarke, and Green, R. E. Influence of atropine and scopolamine on central effects of DFP, 63
- Mersalyl, diuresis and renal and cardiac circulatory changes caused by, Influence on, of sulfhydryl compounds, 73
- Meyer, Bertram J., and Karel, Leonard. Effects of iodides, l-thiosorbital, and twenty-five other compounds on ANTU toxicity in rats, 15
- Miller, Lloyd C., Becker, T. J., and Tainter, M. L. Quantitative evaluation of spasmolytic drugs in vitro, 260
- Morphine, Acute vascular tolerance to, in dog, 414
and amidone, Comparative pharmacologic actions of, 269
- Myocardium, hypodynamic, Isodynamic equivalents of digitoxin congeners as tested on, 443
Response of isolated hypodynamic, to inotropic drugs, 432
- Nash, V. L., Dertinger, B. L., Granger, H. R., McCarthy, H. M., and Lands, A. M. Pharmacology of compounds structurally related to hydroxytyramine, 369
- Granger, H. R., and Siegmund, O. H. Vasopressor activity of some new orally active sympathomimetic amines, 207
- Neuromuscular transmission, Action on, of pyridine and some derivatives of pyridine-3-carboxylic acid, 1
- Nims, L. F., and Wang, S. C. Effect of various anesthetics and decerebration on CO₂ stimulating action on respiration in cats, 187
- Octin, Acute and chronic toxicity of, 214
- Pancreatic vacuolization, Inhibition of, 421
- Parfentjev, I. A., and Goodline, Mary A. Histamine shock in mice sensitized with *Hemophilus pentussis* vaccine, 411
- PAS, Action of, in experimental tuberculosis, 447
- Pelletier, M. H., and Marsh, David F. Curariform activity of d-N-methyl-isochondrodendrine and d-O-methyl-N-methyl-isochondrodendrine, 454
and Marsh, David F. Curariform activity of quaternary ammonium iodides derived from cinchona alkaloids, 127
- Ross, C. A., and Marsh, David F. Comparative pharmacology of N-alkyl-arterenols, 108
- Perdue, Mervin, and Teague, R. S. Effect of ether and dial-urethane anesthesia on passage of sulfathiazole into cerebrospinal fluid, 277
- Pneumococcus infection, experimental, Sulfone and sulfadiazine in, 352
- Preacher, C. B., Cannon, W. M., and Walton, R. P. Acute and chronic toxicity of octin, 214
- Pyridine and some derivatives of pyridine-3-carboxylic acid, Action of, on neuromuscular transmission, 1
- Quinaerine and chloroquine concentration in blood, Effect on, of acidosis and anoxia, 345
- Randall, Lowell O., DeBeer, Edwin J., and Hjort, Axel M. Pharmacology of compounds related to β -2,5-dimethoxy phenethyl amine, 283
- Renal and cardiac circulatory changes and diuresis caused by mersalyl, Influence on, of sulfhydryl compounds, 73
- Rosenfeld, Morris, Shannon, James A., Jailer, Joseph W., and Zubrod, Charles G. Effect of acidosis and anoxia on concentration of quinaerine and chloroquine in blood, 345
- Rosenthal, Sanford M., and Tabon, Herbert. Improved colorimetric method for estimation of histamine, 425
- Ross, C. A., Marsh, David F., and Pelletier,

- M. H. Comparative pharmacology of N-alkylarterenols, 108
- Salter, William T., Sciarini, Louis J., and Ackerman, Elizabeth M. Reponse of isolated hypodynamic myocardium to inotropic drugs, 432
- White, Wallace F., and Belford, Julius. Isodynamic equivalents of digitoxin congeners as tested on hypodynamic myocardium, 443
- Sciarini, Louis J., Ackerman, Elizabeth M., and Salter, William T. Response of isolated hypodynamic myocardium to inotropic drugs, 432
- Scopolamine and atropine, Influence of, on central effects of DFP, 63
- SeEVERS, M. H., Dayrit, Conrado, and Manry, Clayton H. Pharmacology of hexaethyl tetraphosphate, 173
- Seifter, Joseph, and Ehrich, William E. Goitrogenic compounds: pharmacological and pathological effects, 303
- Shannon, James A., Jailer, Joseph W., Zubrod, Charles G., and Rosenfeld, Morris. Effect of acidosis and anoxia on concentration of quinacrine and chloroquine in blood, 345
- Shideman, F. E., and Johnson, H. T. Acute vascular tolerance to morphine, demerol and amidone in dog, 414
- Siegmund, O. H., Nash, V. L., and Granger, H. R. Vasopressor activity of some new orally active sympathomimetic amines, 207
- Smith, M. I., and Junge, J. McBroom. Sulfone and sulfadiazine in experimental pneumococcus infection, 352
- Frias, J. E. G., and McClosky, W. T. Action of PAS in experimental tuberculosis, 447
- Spasmolytic drugs in vitro, Quantitative evaluation of, 260
- Stilbestrol and its monomethyl ether, Effects of, in immature male rat, 363
- Stokey, Edgar, and Lipschitz, Werner L. Diuretic action of formoguanamine in normal persons, 131
- Streptomycin, Absorption, distribution and excretion of, 43
- in blood, 226
- Sulfadiazine and sulfone in experimental pneumococcus infection, 352
- Sulfathiazole, passage of, into cerebrospinal fluid, Effect on, of ether and dial-urethane anesthesia, 277
- Sulfhydryl compounds, Influence of, on diuresis and renal and cardiac circulatory changes caused by mersalyl, 73
- Sulfonamides, Investigation of some newer, as intestinal chemotherapeutic agents, 196
- Swank, Roy L., and Foley, Joseph M. Respiratory, electroencephalographic, and blood gas changes in progressive barbiturate narcosis in dogs, 381
- Sympathomimetic amines, some new orally active, Vasopressor activity of, 207
- Tabor, Herbert, and Rosenthal, Sanford M. Improved colorimetric method for estimation of histamine, 425
- Tainter, M. L., Miller, Lloyd C., and Becker, T. J. Quantitative evaluation of spasmolytic drugs in vitro, 260
- Teague, R. S., and Perdue, Mervin. Effect of ether and dial-urethane anesthesia on passage of sulfathiazole into cerebrospinal fluid, 277
- Tetraethylammonium chloride, acute and chronic toxicity in experimental animals, 103
- Thephorin and derivatives, Pharmacological properties of, 249
- 1-Thiosorbital, iodides, and twenty-five other compounds, Effects of, on ANTU toxicity in rats, 15
- Tompsett, Ralph, DuBois, Rebeckah, Edison, Ann O., Boxer, George E., and Jelinek, Viola C. Streptomycin in blood, 226
- Tuberculosis, experimental, Action of PAS in, 447
- d-Tubocurarine and other curare fractions, Pharmacological studies of, 236
- Tucker, Andrew L. Inhibition of pancreatic vacuolization, 421
- Valdés, R., Dávila, M., and Huidobro, F. Influence of autonomic nervous system on intestinal absorption of hypertonic solution of glucose, 336
- Valenzuela, F., and Huidobro, F. Action of pyridine and some derivatives of pyridine-3-carboxylic acid on neuromuscular transmission, 1

- Walton, R. P., Preacher, C. B., and Cannon, W. M. Acute and chronic toxicity of octin, 214
- Wang, S. C., and Nims, L. F. Effect of various anesthetics and decerebration on CO₂ stimulating action on respiration in cat's, 187
- Ware, Palmer A., and Cronheim, Georg. Determination and urinary excretion of amidone, 98
- Werthessen, Nicholas T., and Fiske, Virginia M. Effects of stilbestrol and its monomethyl ether in immature male rat, 363
- Wescoe, W. Clarke, Green, R. E., McNamara, B. P., and Krop, Stephen. Influence of atropine and scopolamine on central effects of DFP, 63
- White, Wallace F., Belford, Julius, and Salter, William T. Isodynamic equivalents of digitoxin congeners as tested on hypodynamic myocardium, 443
- Wikler, Abraham, Frank, Karl, Isbell, Harris, and Eisenman, Anna J. Effects of single doses of amidone on human subjects, 83
- Wilson, William, and Ercoli, N. Influence of BAL on toxicity and chemotherapeutic activity of mapharsen, 121
- Zubrod, Charles G., Rosenfeld, Morris, Shannon, James A., and Jailer, Joseph W. Effect of acidosis and anoxia on concentration of quinacrine and chloroquine in blood, 345