INDEX

Acetyl-β-methylcholine and acetyl choline, Note on antagonism between cardiac action of, and that of quinidine ............................................ 77
Acetylcholine and adrenaline, On alleged occurrence of, in cat's saliva .......... 464
—, Central action of ........................................................................ 446
—, choline and their analogues, Cationic exchange as means of reaction of, with cells ................................................................. 319
Acids, Organic .................................................................................. 63
Adrenaline and acetylcholine, On alleged occurrence of, in cat's saliva .......... 464
—, Choline as factor in elaboration of ................................................. 473
Aird, Robert B., and Montgomery, Mary F. Studies upon site of stimulation of salivation by intraventricularly injected pilocarpine in dogs .......... 290
Alcohol, Correlation of local irritant, anesthetic and toxic effects of three potable whiskeys with their alcoholic content .................................. 117
—, ethyl, Determination of, in body fluids ........................................ 278
—, ethyl, Studies on pharmacology of ................................................ 117
Alcohols, grain and synthetic ethyl, Comparative study of pharmacologic effects of ........................................................................ 117
Alkyl polycyclicphenols ...................................................................... 50
Alkylhydroxybenzenes, Anthelmintic studies on ..................................... 50, 60, 63
Ammonium iodides, quarternary, Study of twenty-three ................................ 466
Analgesia, subjective depression, and euphoria produced by morphine,
heroin, dilaudid and codeine in normal human subject ................................ 166
Anemia, cerebral, Observations on effects of dihydromorphinone-hydrochloride (dilaudid) on intact uterus of animals anesthesized by .......... 69
Anesthesia, ether: Changes in serum potassium content during and following anesthesia ........................................................................ 205
—, morphine-sodium amytal, and ether, Antagonism between ephedrine
and procaine after cisternal injection during ........................................ 307
—, Pseudohernia, a visible manifestation of local anesthetic action ......... 238
—, Use of bulbocapnine in pre-anesthetic medication ............................ 85
Anthelmintic studies on alkylhydroxybenzenes—alkyl polycyclic phenols ... 50
— studies on alkylhydroxybenzenes—halogenated phenols .................. 60
— studies on alkylhydroxybenzenes—phenolic ketones, phenolic ethers
and esters, organic acids .................................................................... 63
Antiseptic action of certain 2-furan mercurials ..................................... 265
Azo dyes, Trypanocidal action of ....................................................... 188
Barbiturate, sodium n-hexylethyl (ortal sodium) and sodium isoamyl-
ethylbarbiturate (sodium amytal), Comparative study of effects of,
upon excised smooth muscle ............................................................ 341

483
Barlow, O. W. Studies on pharmacology of ethyl alcohol. I. A comparative study of pharmacologic effects of grain and synthetic ethyl alcohols. II. A correlation of local irritant, anesthetic and toxic effects of three potable whiskeys with their alcoholic content. ................................. 117
Bass, Allan D., Lamson, Paul D., and Stoughton, Roger W. Anthelmintic studies on alkylhydroxybenzenes. VI. Alkyl polycyclicphenols ........ 50
—, Lamson, Paul D., and Stoughton, Roger W. Anthelmintic studies on alkylhydroxybenzenes. VII. Halogenated phenols .................. 60
—, Lamson, Paul D., and Stoughton, Roger W. Anthelmintic studies on alkylhydroxybenzenes. VIII. Phenolic ketones; phenolic ethers and esters; organic acids ........................................... 63
Bismuth subnitrate, Studies on pharmacology of nitrite effect of .... 216
Blood supply of ear, Further observations with new method of demonstrating changes in .................................................. 440
— supply of ear, Simple method of demonstrating changes in ....... 194
Bulbocapnine, Use of, in pre-anesthetic medication ...................... 85
Cadness, B. H. E., and Simpson, S. Levy. Effect of ephedrine on erythrocytes, leucocytes and platelets in normal and splenectomized guinea pig.. 389
Calcium salts, Toxicity and rate of disappearance of intracisternally injected, in dog ....................................................... 53
Camphor, and ether, Relation between action and concentration of, applied to heart muscle .................................................. 1
Cardiac action of acetyl-β-methylcholine and acetyl choline and of quinidine, Note on antagonism between ................................. 77
— output of dinitrophenol, Increased ......................................... 451
Cat, On alleged occurrence of acetylcholine and adrenaline in saliva of .... 464
Cells, fixed tissue, Study of acquired resistance of, morphologically altered through processes of repair ................................... 359, 373, 383
Cerebral anemia, Observations on effects of dihydromorphinone-hydrochloride (dilaudid) on intact uterus of animals anesthetized by .......... 69
Chen, K. K., Lee, Henry M., and VanArendonk, A. M. A study of twenty-three quaternary ammonium iodides ................................ 466
Chloroform, hepatoxic action of, Resistance of liver epithelium altered morphologically as result of injury from uranium, followed by repair, to ......................................................... 373
—, Resistance to, of naturally acquired atypical type of liver epithelium occurring in senile animals ........................................ 383
Choline and certain of its analogues, A comparative study of. II. Cationic exchange as a means of reaction of choline, acetylcholine and their analogues with cells .................................................. 319
— as factor in elaboration of adrenaline .................................. 473
Codeine, Addiction to, in monkey, compared with dilaudid, morphine and heroine ....................................................... 157
INDEX

Codeine, Analgesia, subjective depression and euphoria produced by morphine, heroine, dilaudid and, in normal human subject ................................. 166
—, morphine and related substances, Respiratory effects of .......................... 39
—, morphine and their derivatives, Studies of ............................................. 421
Cole, Versa V., and Curtis, George M. Iodine metabolism of adult rat in relation to trauma, thyroid activity, and diet ........................................... 351
Curtis, George M., and Cole, Versa V. Iodine metabolism of adult rat in relation to trauma, thyroid activity, and diet ................................. 351

De Eds, F., Hanzlik, P. J., and Terada, B. Further observations with new method of demonstrating changes in blood supply of ear ................................ 440
De Eds, Floyd, Hanzlik, P. J., and Terada, B. Simple method of demonstrating changes in blood supply of ear and effects of some measures .......... 194
DeNote, Anthony, Gruber, Charles M., Scholten, Roger, and Wilson, John F. Comparative study of effects of sodium n-hexylethyl barbiturate (oral sodium) and of sodium isoamylethylbarbiturate (sodium amytal) upon excised smooth muscle .................................................. 341
Depression, Subjective, analgesia and euphoria produced by morphine, heroine, dilaudid and codeine in normal human subject ............................ 166
Diet, Iodine metabolism of adult rat in relation to trauma, thyroid activity, and .......................................................... 351
Dihydromorphine, Isomers of morphine and .................................................. 421
Dihydromorphinone hydrochloride (dilaudid): Its tranquilizing potency, respiratory depressant effects and addiction liability, as tested in rat .......... 252
— hydrochloride (dilaudid), Observations on effects of, on intact uterus of animals anesthetized by cerebral anemia ........................................... 69
Dilaudid, Addiction to, in monkey, compared with morphine, heroine and codeine ................................................................................. 157
—, Analgesia, subjective depression and euphoria produced by morphine, heroine, codeine and, in normal human subject ............................. 166
— (dihydromorphinone-hydrochloride): Its tranquilizing potency, respiratory depressant effects and addiction liability, as tested on rat .......... 252
— (dihydromorphinone-hydrochloride), Observations on effects of, on intact uterus of animals anesthetized by cerebral anemia ..................... 69
Dinitrophenol, Increased cardiac output of ................................................... 451
—, Studies on .................................................................................. 223, 228
Diphtheria intoxication, Protective measures in ............................................ 269
— toxin, Effect of, on vitamin C content of guinea pig tissues .................. 209
Dog, Effect of methyl-amino methyl heptene (octin) upon intact intestine in non-anesthetized .......................................................... 284
—, Toxicity and rate of disappearance of intracisternally injected calcium salts in ..................................................................................... 53
—, unanesthetized, Comparison of effects of sodium isoamylethylbarbiturate (sodium amytal) and sodium n-hexylethyl barbiturate (oral sodium) upon intact intestine of ............................................... 432
Dogs, serum protein, water and mineral metabolism of, Effect of posterior pituitary preparations upon colloid osmotic pressure of .............. 28
Dogs, Studies upon site of stimulation of salivation by intraventricularly injected pilocarpine in .................................................. 290
Drugs, Some observations on effect of, on ear vessels of unanesthetized rabbit, as seen in “preformed-tissue” chamber. ......................... 97
Dyes, aso, Trypanocidal action of .................................................. 188

Ear, blood supply of, Further observations with new method of demonstrating changes in .................................................. 440
— blood supply of, Simple method of demonstrating changes in .......... 194
— vessels of unanesthetized rabbit, Some observations on effect of drugs on, as seen in “preformed-tissue” chamber ......................... 97
Eddy, Nathan B. Studies of morphine, codeine and their derivatives. XII. Isomers of morphine and dihydromorphine .......................... 421
Ellsworth, H. C. Antagonism between posterior lobe pituitary hormones and insulin .................................................. 417

Ephedrine and procaine, Antagonism between, after cisternal injection during morphine-sodium amytal anesthesia and ether anesthesia ................. 307
— Effect of, on erythrocytes, leucocytes and platelets in normal and splenectomised guinea pig. .................................................. 389
Epithelium, liver, Resistance of, which imparts to liver resistance against subsequent uranium intoxications .................................. 359
— liver, Resistance to chloroform of naturally acquired atypical type of, occurring in senile animals .................................................. 383
Erythrocytes, leucocytes and platelets, Effect of ephedrine on, in normal and splenectomised guinea pig ........................................... 389

Ethyl alcohol in body fluids, Determination of .................................. 278
— alcohol, Studies on pharmacology of ........................................... 117
— alcohols, grain and synthetic, Comparative study of pharmacologic effects of ........................................... 117
Euphoria, analgesia and subjective depression produced by morphine, heroine, dilaudid and codeine in normal human subject .................. 166

Ether, and camphor, Relation between action and concentration of, applied to heart muscle .................................................. 1
— anesthesia: Changes in serum potassium content during and following anesthesia .................................................. 205

Ethers and esters, Phenolic .................................................. 63

2-Furan mercurials, Antiseptic action of certain .................................. 265

Galgiani, J. V., and Tainter, M. L. Increased cardiac output of dinitrophenol 451
Gruber, Charles M. Comparison of effects of sodium isoamylethylbarbiturate (sodium amytal) and of sodium n-hexylethyl barbiturate (oral sodium) upon intact intestine in unanesthetized dog .......................... 432
Gruber, Charles M.  Effect of methyl-amino methyl heptene (octin) upon intact intestine in non-anesthetized dog ..................... 284
——, Scholten, Roger, DeNote, Anthony, and Wilson, John F.  Comparative study of effects of sodium n-hexylethyl barbiturate (ortal sodium) and of sodium isoamylethyl barbiturate (sodium amytal) upon excised smooth muscle ............................. 341
Guinea pig, Effect of diphtheria toxin on vitamin C content of tissues .......... 209
—— pig, normal and splenectomised, Effect of ephedrine on erythrocytes, leucocytes and platelets in ............................................. 389

Hanzlik, P. J., De Eds, F., and Terada, B.  Further observations with new method of demonstrating changes in blood supply of ear .......................... 440
——, De Eds, Floyd, and Terada, B.  Simple method of demonstrating changes in blood supply of ear and effects of some measures ............. 194
——, and Terada, B.  Protective measures in diphtheria intoxication .......... 269
Heart muscle, Relation between action and concentration of ether and camphor applied to .......................................................... 1
——, Some effects of dinitrophenol on .......................................... 228

Heroin, Addiction to, in monkey, compared with dilaudid, morphine and codeine ................................................................. 157
——, Analgesia, subjective depression and euphoria produced by morphine, dilaudid, codeine and, in normal human subject ..................... 166

Hormones, posterior lobe pituitary, and insulin, Antagonism between ...... 417

Huggett, A. St. G., and Suffolk, S. F.  Trypanocidal action of azo dyes .... 188

Insulin, Antagonism between posterior lobe pituitary hormones and ....... 417
Intestinal movements, Effects of morphine and its derivatives on ........ 327
Intestine, intact, in non-anesthetized dog, Effect of methyl-amino methyl heptene (octin) upon ................................................... 284
—— of unanesthetized dog, Comparison of effects of sodium isoamylethyl barbiturate (sodium amytal) and of sodium n-hexylethyl barbiturate (Ortal sodium) upon .............................................. 432
Iodides, quaternary ammonium, Study of twenty-three ....................... 466
Iodine metabolism of adult rat in relation to trauma, thyroid activity, and diet ................................................................. 351

Isenberger, Robert M., and Rice, James C.  Antagonism between ephedrine and procaine after cisternal injection during morphine-sodium amytal anesthesia and ether anesthesia ............................. 307

Ketones, Phenolic ........................................................................ 63
King, C. G., and Lyman, Carl M.  Effect of diphtheria toxin on vitamin C content of guinea pig tissues ......................... 229

Krueger, Hugo, Lampe, Isadore, and Reid, J. G.  Effects of morphine and its derivatives on intestinal movements.  V. Contributions to analysis of intestinal records ................................. 327

Lampe, Isadore, Krueger, Hugo, and Reid, J. G.  Effects of morphine and its derivatives on intestinal movements.  V. Contributions to analysis of intestinal records ................................. 327
Lamson, Paul D., Stoughton, Roger W., and Bass, Allan D. Anthelmintic studies on alkylhydroxybenzenes. VI. alkyl polycyclicphenols .......................... 50
—, Stoughton, Roger W., and Bass, Allan D. Anthelmintic studies on alkylhydroxybenzenes. VII. Halogenated phenols .............................. 60
—, Stoughton, Roger W., and Bass, Allan D. Anthelmintic studies on alkylhydroxybenzenes. VIII. Phenolic ketones; phenolic ethers and esters; organic acids ................................................................. 63
Larson, Edward. Depressor substances in posterior lobe of pituitary ........ 396
Leake, C. D., and Phatak, N. M. Antiseptic action of certain 2-furan mercurials .......................................................... 265
Leucocytes, erythrocytes and platelets, Effect of ephedrine on, in normal and splenectomised guinea pig .............................................. 389
Liver epithelium, Resistance of, altered morphologically as result of injury from uranium, followed by repair, to hepatoxic action of chloroform .... 373
— epithelium, Resistance to chloroform of naturally acquired atypical type of, occurring in senile animals ........................................... 383
— injury induced by uranium nitrate ............................................. 359
Loewe, S. Pseudohermia, a visible manifestation of local anesthetic action 238
Lyman, Carl M., and King, C. G. Effect of diphtheria toxin on vitamin C content of guinea pig tissues ............................................. 209

MacNider, Wm. De B. Study of acquired resistance of fixed tissue cells morphologically altered through processes of repair. I. Liver injury induced by uranium nitrate. Consideration of type of epithelial repair which imparts to liver resistance against subsequent uranium intoxications ........................................... 359
—. Study of acquired resistance of fixed tissue cells morphologically altered through processes of repair. II. Resistance of liver epithelium altered morphologically as result of injury from uranium, followed by repair, to hepatoxic action of chloroform .............................................. 373
—. Study of acquired resistance of fixed tissue cells morphologically altered through processes of repair. III. Resistance to chloroform of naturally acquired atypical type of liver epithelium occurring in senile animals ........................................... 383
Mason, Morton F., and Resnik, Harry. The toxicity and rate of disappearance of intracisternally injected calcium salts in the dog .................... 53
Melville, K. L., Stehle, R. L., and Oldham, Frances K. Choline as factor in elaboration of adrenaline .................................................. 473
Mercurials, 2-furan, Antiseptic action of certain ................................ 265
Metabolism, Iodine, of adult rat in relation to trauma, thyroid activity, and diet ............................................................... 351
—, serum protein, water and mineral, in dogs, Effect of posterior pituitary preparations upon colloid osmotic pressure of ..................... 23
Methyl-amino methyl heptene (octin), Effect of, upon intact intestine in non-anesthetized dog ....................................................... 284
Mineral, serum protein and water metabolism of dogs, Effect of posterior pituitary preparations upon colloid osmotic pressure of ........... 23
Mitchell, J. B., Jr., and Pankratz, D. S. Observations on the effects of dihydromorphinone-hydrochloride (dilaudid) on the intact uterus of animals anesthetized by cerebral anemia .......................... 69

Molitor, Hans. The use of bulbocapnine in pre-anesthetic medication .................. 85

Montgomery, Mary F., and Aird, Robert B. Studies upon site of stimulation of salivation by intraventricularly injected pilocarpine in dogs .................. 290

Morphine, Addiction to, in monkey, compared with dilaudid, heroine and codeine .................................................. 157

——, Analgesia, subjective depression and euphoria produced by heroine, dilaudid, codeine and, in normal human subject .................. 166

—— and its derivatives, Effects of, on intestinal movements ................. 327

——, codeine and related substances, Respiratory effects of ................ 39

——, codeine and their derivatives, Studies of ................................. 421

Morphine-sodium amytal anesthesia and ether anesthesia, Antagonism between ephedrine and procaine after cisternal injection during ............ 307

Morton, Henry G., and Silver, George A. Central action of acetylcholine ....... 446

Muscle, heart, Relation between action and concentration of ether and camphor applied to .................................................. 1

Newman, Henry. Determination of ethyl alcohol in body fluids ................ 278

Nitrate, uranium, Liver injury induced by ........................................... 359

Nitrite effect of bismuth subnitrate, Studies on pharmacology of ............ 216

Octin (methyl-amino methyl heptene), Effect of, upon intact intestine in non-anesthetized dog .................................................. 284

Oldham, Frances K., Stehle, R. L., and Melville, K. I. Choline as factor in elaboration of adrenaline ................................................. 473

Opiate addiction in monkey. I. Methods of study ............................... 147

—— addiction in monkey. II. Dilauid in comparison with morphine, heroine and codeine .................................................. 157

Organic acids ..................................................................................... 63

Ortal sodium (sodium n-hexylethyl barbiturate) and sodium amytal (sodium isoamylethylbarbiturate), Comparative study of effects of, upon excised smooth muscle .................................................. 341

—— sodium (sodium n-hexylethyl barbiturate) and sodium amytal (sodium isoamylethylbarbiturate), Comparison of effects of, upon intact intestine of unanesthetized dog .................................................. 432

Palmer, Alice E., and Stieglitz, Edward J. Studies on pharmacology of nitrite effect of bismuth subnitrate .................................................. 216

Pankratz, D. S., and Mitchell, J. B., Jr. Observations on the effects of dihydromorphinone-hydrochloride (dilaudid) on the intact uterus of animals anesthetized by cerebral anemia ........................................... 69

Pfeiffer, C. C., and Seevers, M. H. Study of analgesia, subjective depression, and euphoria produced by morphine, heroine, dilaudid and codeine in normal human subject .................................................. 166

Phatak, N. M., and Leake, C. D. Antiseptic action of certain 2-furan mercurials .................................................. 265
Phenolic ethers and esters .......................................................... 63
— ketones ............................................................................. 63
Phenols, Halogenated .............................................................. 60
Pilocarpine, intraventrically injected, in dogs, Studies upon site of stimulation of salivation by ........................................ 290
Pituitary, Depressor substances in posterior lobe of .......... 396
— hormones, posterior lobe, and insulin, Antagonism between ................................................................. 417
—, posterior, preparations, Effect of, upon colloid osmotic pressure of serum protein, water and mineral metabolism of dogs .......... 23
Potassium, Changes in serum potassium content during and following ether anesthesia ....................................................... 205
Pratt, Helen A., and Robbins, Benjamin H. Ether anesthesia: Changes in serum potassium content during and following anesthesia .......................................................... 205
Procaine and ephedrine, Antagonism between, after cisternal injection during morphine-sodium amytal anesthesia and ether anesthesia ................................................. 307
Protein, serum, water and mineral metabolism of dogs, Effect of posterior pituitary preparations upon colloid osmotic pressure of ...... 23
Pseudohernia, a visible manifestation of local anesthetic action ................................................................. 238
Quinidine, Note on antagonism between cardiac action of, and that of acetyl- β-methylcholine and acetyl choline .................................................. 77
Rabbit, Effects of morphine, codeine and related substances on respiration of ................................................................. 39
—, unanesthetized, Some observations on effect of drugs on ear vessels of, as seen in "preformed-tissue" chamber ......................... 97
Rat, adult, Iodine metabolism of, in relation to trauma, thyroid activity, and diet ............................................................... 351
—, Dihydromorphinone hydrochloride (dilaudid): Its tranquilizing potency, respiratory depressant effects and addiction liability, as tested on .................................................... 252
Rats, deglycogenized, Effects of dinitrophenol on .................. 223
Reid, J. G., Krueger, Hugo, and Lampe, Isadore. Effects of morphine and its derivatives on intestinal movements. V. Contributions to analysis of intestinal records ...................................... 327
Reznik, Harry, and Mason, Morton F. The toxicity and rate of disappearance of intracisternally injected calcium salts in the dog ................................................................. 53
Respiration, Effects of morphine, codeine and related substances on ...... 39
Rice, James C., and Isenberger, Robert M. Antagonism between ephedrine and procaine after cisternal injection during morphine-sodium amytal anesthesia and ether anesthesia ................. 307
Robbins, Benjamin H., and Pratt, Helen A. Ether anesthesia: Changes in serum potassium content during and following anesthesia .......................................................... 205
Roepke, Martin H., and Welch, Arnold DeM. A comparative study of choline and certain of its analogues. II. Cationic exchange as a means of reaction of choline, acetylcysteine and their analogues with cells .......... 319
Saliva, of cat, On alleged occurrence of acetylcholine and adrenaline in ................................................................. 464
Salivation, Studies upon site of stimulation of, by intraventricularly injected pilocarpine in dogs ........................................ 290
INDEX 491

Scholten, Roger, Gruber, Charles M., DeNote, Anthony, and Wilson, John F. Comparative study of effects of sodium n-hexylethyl barbiturate (oral sodium) and of sodium isoamylethylbarbiturate (sodium amytal) upon excised smooth muscle. 341

Secker, J. On the alleged occurrence of acetylcholine and adrenaline in cat’s saliva. ................................................. 464

Seevera, M. H. Opiate addiction in monkey. I. Methods of study. 147

——. Opiate addiction in monkey. II. Dilaudid in comparison with morphone, heroine, and codeine. 157

——, and Pfeiffer, C. C. Study of analgesia, subjective depression, and euphoria produced by morphone, heroine, dilaudid and codeine in normal human subject. 166

Serum protein, water and mineral metabolism of dogs. Effect of posterior pituitary preparations upon colloid osmotic pressure of. 23

Sherif, M. A. F. The relation between the action and concentration of ether and camphor applied to the heart muscle. 1

Silver, George A., and Morton, Henry G. Central action of acetylcholine. 446

Simpson, S. Levy, and Cadness, B. H. E. Effect of ephedrine on erythrocytes, leucocytes and platelets in normal and splenectomised guinea pig. 389

Sodium isoamylethylbarbiturate (sodium amytal) and sodium n-hexylethyl barbiturate (oral sodium), Comparison of effects of, upon intact intestine in unanesthetized dog. 432

—— n-hexylethyl barbiturate (oral sodium) and sodium isoamylethylbarbiturate (sodium amytal), Comparative study of effects of, upon excised smooth muscle. 341

Splenectomised guinea pig. Effect of ephedrine on erythrocytes, leucocytes and platelets in normal and. 389

Stanton, Eugene J. Dihydromorphinone hydrochloride (dilaudid): Its tranquilizing potency, respiratory depressant effects and addiction liability, as tested on rat. 252

Starr, Isaac, Jr. A note on the antagonism between the cardiac action of acetyl-β-methylcholine and acetyl choline, and that of quinidine. 77

Stehle, R. L., Melville, K. I., and Oldham, Frances K. Choline as factor in elaboration of adrenaline. 473

Stieglitz, Edward J., and Palmer, Alice E. Studies on pharmacology of nitrite effect of biamuth subnitrate. 216

SToughton, Roger W., Lamson, Paul D., and Bass, Allan D. Anthelmintic studies on alkylhydroxybenzenes. VI. Alkyl polycyclicphenols. 50

——, Lamson, Paul D., and Bass, Allan D. Anthelmintic studies on alkylhydroxybenzenes. VII. Halogenated phenols. 60

——, Lamson, Paul D., and Bass, Allan D. Anthelmintic studies on alkylhydroxybenzenes. VIII. Phenolic ketones; phenolic ethers and esters; organic acids. 63

Suffolk, S. F., and Huggett, A. St. G. Trypanocidal action of azo dyes. 188

Tainter, M. L., and Galgiani, J. V. Increased cardiac output of dinitrophenol. 451

Taussig, Barrett L. Studies on dinitrophenol. I. The effects of dinitrophenol on deglycogenized rats. 223
INDEX

Taussig, Barrett L. Studies on dinitrophenol. II. Some effects of dinitrophenol on heart ........................................ 228
Terada, B., and Hanzlik, P. J. Protective measures in diphtheria intoxication ............................................................. 269
—, Hanzlik, P. J., and De Eds, F. Further observations with new method of demonstrating changes in blood supply of ear ................................................................. 440
—, Hanzlik, P. J., and De Eds, Floyd. Simple method of demonstrating changes in blood supply of ear and effects of some measures .... 194
Thyroid activity, Iodine metabolism of adult rat in relation to trauma, diet, and .................................................... 351
Tissue cells, fixed, Study of acquired resistance of, morphologically altered through processes of repair .......................... 359, 373, 383
Trauma, Iodine metabolism of adult rat in relation to thyroid activity, diet, and .................................................... 351
Trypanocidal action of azo dyes .................................................. 188
Uranium nitrate, Liver injury induced by ........................................ 359
—, Resistance of liver epithelium altered morphologically as result of injury from, followed by repair, to hepatoxic action of chloroform 373
Uterus, intact, of animals anesthetized by cerebral anemia, Observations on effects of dihydromorphinone-hydrochloride (dilaudid) on .......... 69
Vitamin C content of guines pig tissues, Effect of diphtheria toxin on .............................................................. 209
Water, serum protein and mineral metabolism of dogs, Effect of posterior pituitary preparations upon colloid osmotic pressure of .......... 23
Welch, Arnold DeM., and Roepke, Martin H. A comparative study of choline and certain of its analogues. II. Cationic exchange as a means of reaction of choline, acetylcholine and their analogues with cells .......... 319
Whiskeys, potable, Correlation of local irritant, anesthetic and toxic effects of three, with their alcoholic content .................. 117
Wilson, Helene C. Some observations on the effect of drugs on the ear vessels of the unanesthetized rabbit, as seen in the “preformed-tissue” chamber .................................................. 97
Wilson, John F., Gruber, Charles M., Scholten, Roger, and DeNote, Anthony. Comparative study of effects of sodium n-hexylethyl barbiturate (oral sodium) and of sodium isoamylethylbarbiturate (sodium amytal) upon excised smooth muscle .......................................................... 341
Wright, Charles I., and Barbour, Fleming A. The respiratory effects of morphine, codeine and related substances. V. The effect of $\alpha$, $\beta$, $\gamma$, dihydro-$\alpha$, dihydro-$\beta$, and dihydro-$\gamma$-isomorphine on the respiration of the rabbit .......................................................... 39
Yanagi, Kintaro. The effect of posterior pituitary preparations upon the colloid osmotic pressure of serum protein, water and mineral metabolism of dogs .......................................................... 23