

BIBLIOGRAPHY OF PHARMACEUTICAL RESEARCH

Conducted by H. V. Army, Reporter on the Progress of Pharmacy, Chairman of the Committee on Research.

On these pages, each month, will be found a list of articles on pharmaceutical research; the list appearing a certain month will record articles appearing in American journals of the preceding month and articles appearing in foreign journals will be recorded as quickly as possible after the journals reach the Reporter.

All articles appearing in these lists will be presented in abstract form in the bound volumes of the YEAR BOOK which will be issued as soon after the end of the year represented as editing and printing conditions permit. Those desiring abstracts immediately can obtain same for a fee of one dollar each by communicating with H. V. Army, 115 West 68th St., New York, and arrangements can also be made for securing at moderate prices photographic reproductions of entire articles when such are desired.

Kroha, G. T.

Glass lined tanks in perfumery manufacture

Perf. Ess. Oil. Rec.; through *Am. Drug.*, 70 (May 1922), 35

Pittenger, P. S.

Temperature regulator for water-baths

J. AM. PHARM. ASSOC., 11 (May 1922), 338

PHARMACEUTICAL PREPARATIONS.

Bradford, H. C.

Flavoring extracts in paste form

Pract. Drug., 40 (May 1922), 36

Browne, F.

Standards for surgical dressings

Pharm. J., 108 (Apr. 29, 1922), 357

Éwe, G. E.

Pearly vanishing cream

Drug. Circ., 66 (May 1922), 182

Gagne, J. C.

Alcoholic extracts of ginger

Bull. Mass. Coll. Pharm.; through *Pharm. Era*, 55 (May 1922), 179

Gegenbauer, V.

Disinfecting action of formaldehyde solutions

Arch. Hyg.; through *J. Soc. Chem. Ind.*, 41 (Apr. 29, 1922), 307A

Jones, E. R.

Bandolines and liquid shampoos

Bull. Pharm., 36 (May 1922), 200

Lewis, C. V.

Unintentional adulteration of Burow's solution

Pract. Drug., 40 (May 1922), 20

Marsek, F. A.

Vanishing creams

Am. Perf.; through *Spatula*, 28 (Apr. 1922), 271

Painter, W. J.

Starch paste as indicator

Analyst; through *Pharm. J.*, 108 (Apr. 29, 1922), 350

Pfyl, B., Reif, G., and Hanner, A.

Testing tinctures for methyl alcohol

Pharm. Zent., 63 (Apr. 6, 1922), 193

Propping

Preparation of novocaine solutions

Zent. Chir.; through *Pharm. Zent.*, 63 (Apr. 20, 1922), 222

Quant, Phyllis

Manufacture of fluidextract of glycyrrhiza

Pharm. J., 10 (Apr. 1, 1922), 262

Reed, H. H.

Incompatible sulphur ointment prescription

Am. Drug., 70 (May 1922), 34

White, R. C.

Coating compressed tablets

J. AM. PHARM. ASSOC., 11 (May 1922), 345

GENERAL BOTANY AND BACTERIOLOGY.

Pater, B.

Insect pest of *Melissa officinalis*

Pharm. Zent., 63 (Apr. 13, 1922), 207

THERAPEUTICS AND NEW REMEDIES.

Borinski

Poisoning with marking ink

Dtsch. med. Wsch.; through *Am. Drug.*, 70 (May 1922), 36

Éwe, G. E.

Discomfort produced by injection of drug solutions

Am. Drug., 70 (May 1922), 21

Hall, I. T.

Mouthwash for irritable tongue

Brit. Dent. J.; through *Pharm. J.*, 108 (Apr. 1, 1922), 263

Hérissey, H., and Delauney, P.

Orchids containing glucosides

J. pharm. chim., 25 (Apr. 1, 1922), 298

Herzog, I.

New medicaments

Ber. deutsch. Pharm. Ges., 32 (Mch. 1922), 59

Keulemans, N.

Yatrenum

Pharm. Weekbl., 59 (Apr. 1, 1922), 326

Sabalitschka, T.

Hypotonin

Pharm. Ztg., 67 (Apr. 15, 1922), 327

Van Leeuwen, W. S., and Von Szent Gyorgyi, A.

Influence of colloids on non-colloidal drugs

J. Pharm. Exp. Therap.; through *Pharm. J.*, 108 (Apr. 8, 1922), 285

Zimmermann, W.

Testing validol for adulterants

Apoth. Ztg.; through *Pharm. Zent.*, 63 (Apr. 20, 1922), 222

VEGETABLE AND ANIMAL MATERIA MEDICA.

Abraham, A. C., Digby, H. E., and Rae, J.

Assay of opium and its preparations

Pharm. J., 108 (Apr. 29, 1922), 353

Bemis, R. E.

Constituents of viburnum opulus fruit

Bull. Mass. Coll. Pharm.; through *Pharm. Era*, 55 (May 1922), 179

Dean, A. L.

Value of chaulmoogra oil in leprosy

Pharm. Era, 55 (May 1922), 200

Dryerre, H.

Endocrine organs

Chem. & Drug., 96 (Apr. 1, 1922), 418

Frey, O.

Sarsaparilla substitutes

Pharm. Monatsh.; through *Pharm. Ztg.*, 67 (May 3, 1922), 377

Goris and Deluard

Effect of sunlight on belladonna

Bull. sci. pharmacol.; through *Drug. Circ.*, 66 (May 1922), 190

Heffter, A., and Zondek, S. G.

Pharmacology of shepherd's purse

Klin. Wsch.; through *Pharm. Ztg.*, 67 (May 3, 1922), 376

Heyl, F. W.

Constituents of viburnum opulus

J. AM. PHARM. ASSOC., 11 (May 1922), 329

Kroeber, L.

German-grown rhubarb

Heil. Gewürzpflanzen; through *Pharm. Ztg.*, 67 (May 3, 1922), 376

Pottiez, C.

Therapeutics of Erysinum officinale

J. Pharm. Belg.; through *J. pharm. chim.*, 25 (Apr. 1, 1922), 314

Quant, E.

Cudbear and its tincture

Pharm. J., 108 (Apr. 8, 1922), 280

Richaud, A.

Biologic assay of suprarenal products

J. pharm. chim., 25 (Apr. 1, 1922), 289

Small, J., and Adams, F. M. J.

Commercial yohimbe bark

Chem. & Drug., 96 (Apr. 1, 1922), 418

Von Boyeñ, E.

Artificial bees-wax

Chem. Ztg.; through *Pharm. Ztg.* (Apr. 5, 1922), 294

GENERAL AND PHYSICAL CHEMISTRY.

Aston, F. W.

Atomic weights and isotopes

J. Frank Inst., 193 (May 1922), 581

INORGANIC CHEMICALS.

Atkinson, H. V.

Antidote for phosphorus

J. Lab. Clin. Med.; through *Pharm. J.*, 108 (Apr. 1, 1922), 263

Balareff, D.

Precipitation of magnesium pyrophosphate

Z. anorg. Chem.; through *Pract. Drug.*, 40 (May 1922), 34

Baralew, W.

Test for manganese, iron and cobalt

Z. anal. Chem.; through *Merck's Rept.*, 31 (Apr. 1922), 51

Damiens, A.

Tellurium sub-bromide

Compt. rend.; through *J. pharm. chim.*, 25 (Apr. 1, 1922), 324

Fantus, B.

Antidote for mercuric chloride

Pharm. Advance; through *Pract. Drug.*, 40 (May 1922), 34

Fournier, L., and Guenot, L.

Bismuth compounds in syphilis

Compt. rend.; through *J. pharm. chim.*, 25 (Apr. 1, 1922), 325

Glasstone

Assay of lead peroxide

Trans. Chem. Soc.; through *Drug. Circ.*, 66 (May 1922), 188

Hoffers

Detection of antimony

Drogenhand; through *Drug. Circ.*, 66 (May 1922), 188

Kolthoff, I. M.

Qualitative reactions of arsenic

Pharm. Weekbl., 59 (Apr. 8, 1922), 334

- Lenher, V.
Uses of tellurium
Drug. Chem. Market; through *Merck's Rept.*, 31 (Apr. 1922), 53
- Shreve, R. N.
Potash from green sand
Pract. Drug., 40 (May 1922), 24
- Vaudel, W.
Dimethylglyoxine as reagent for iron and cobalt
Z. offent. chem.; through *J. pharm. chim.*, 25 (Apr. 1, 1922), 321
- Whitby, A., and Beardwood, J. P.
Xanthates as reagents for cobalt and nickel
J. Chem. Met. Soc. S. A.; through *J. pharm. chim.*, 25 (Apr. 1, 1922), 321
- ORGANIC CHEMICALS.
- Anon
Synthetic gasoline
Am. J. Sci.; through *Pract. Drug.*, 40 (May 1922), 34
- Adams, R., Fogler, M. F., and Kreger, C. W.
Structure of disalicylaldehyde
J. Am. Chem. Soc., 44 (May 1922), 1126
- Asahina, Y., and Ishida, Y.
Oxidation of dioxystearic acid
J. Pharm. Soc. Japan, 481 (Mch. 1922), 171
- Barthe
Ammonium acid tartrate as protective against formaldehyde vapor
Gaz. Sci. méd. Bordeaux; through *Pharm. J.*, 10 (Apr. 1, 1922), 263
- Bezssonoff, N.
Color reaction for antiscorbutic extracts
Compt. rend.; through *Pharm. J.*, 108 (Apr. 1, 1922), 264
- Bogert, M. T.
The flower and the organic chemist
J. Ind. Eng. Chem., 14 (May 1922), 359
- Cigrozzi, O.
Action of alcohol on the surface tension of disinfectants
Policlínico; through *Pharm. J.*, 108 (Apr. 8, 1922), 285
- Clover, A. M.
Auto-oxidation of ether
J. Am. Chem. Soc., 44 (May 1922), 1107
- Cofman-Nicoresti, J.
Solubility of phenol in liquid petrolatum
Pharm. J., 108 (Apr. 29, 1922), 349
- Dekker, J.
Composition of beef fat
Pharm. Weekbl., 59 (Apr. 1, 1922), 306
- Deuss, J. J. B.
Javanese volatile oils
Sluyter's Monthly; through *Chem. & Drug.*, 96 (Apr. 8, 1922), 461
- Fahrión, V.
Colophenic acid
Ber.; through *J. Soc. Chem. Ind.*, 41 (Apr. 29, 1922), 300A
- Frankel, S., and Scharf, A.
Adsorption and chemistry of vitamins
Biochem. Zsch.; through *J. Soc. Chem. Ind.*, 41 (Apr. 15, 1922), 265A
- Freudenberg, K., and Walpuski, H.
Horse chestnut tannin
Ber.; through *Pharm. Zent.*, 63 (May 4, 1922), 242
- Glassner, K.
New pepsin assay
Biochem. Zsch.; through *J. Soc. Chem. Ind.*, 41 (Apr. 29, 1922), 306A
- Grant, D. H.
Pharmacology of isopropyl alcohol
Merck's Rept., 31 (Apr. 1922), 51
- Grenet, H., and Drouin, H.
A new bismuth aromatic compound
Compt. rend.; through *J. Soc. Chem. Ind.*, 41 (Apr. 15, 1922), 269A
- Haase, P.
Test for nitrobenzene in benzaldehyde
Chem. Ztg.; through *J. Soc. Chem. Ind.*, 41 (Apr. 29, 1922), 308A
- Hart, M. C., and Payne, W. B.
Toxicity of neo-arsphenamine
J. Am. Chem. Soc., 44 (May 1922), 1150
- Jacobs, W. A., and Heidelberger, M.
Synthesis in the cinchona series
J. Am. Chem. Soc., 44 (May 1922), 1073 and 1091
- Justin-Mueller, E.
Pentavalent nitrogen in aromatic amido salts
Chem. Ztg.; through *Pharm. Ztg.*, 67 (Apr. 8, 1922), 304
- Kiesel, A.
Yeast protein
Z. physiol. chem.; through *J. Soc. Chem. Ind.*, 41 (Apr. 29, 1922), 305A
- Leone, P., and Angelescu, E.
Italian oil of thyme
Gazz. chim. ital.; through *J. Soc. Chem. Ind.*, 41 (Apr. 12, 1922), 269A
- Leone, P., and Angelescu, E.
Oil of *Satureja montana*
Gazz. chim. ital.; through *J. Soc. Chem. Ind.*, 41 (Apr. 15, 1922), 269A
- Leuchs, H.
Color reactions of cacotheline
Ber.; through *J. Soc. Chem. Ind.*, 41 (Apr. 29, 1922), 307

- Mailhe, A.
Petroleum hydrocarbons from colza oil
Compt. rend.; through *J. pharm. chim.*, 25
 (Apr. 1, 1922), 325
- Majima, R.
Composition of lac
Ber.; through *Pharm. Zent.*, 63 (Apr. 6, 1922),
 198
- Meyer, K. H., and Hopf, H.
Constitution of hydrocyanic acid
Ber.; through *Pharm. Zent.*, 63 (May 4, 1922),
 242
- Migadera
Spinach vitamins as strophanthin antidote
Dtsch. med. Wschr.; through *Pharm. Ztg.*, 67
 (Apr. 22, 1922), 341
- Moir, J.
Sensitive phenol test
J. South Afr. Chem. Inst.; through *J. Soc.
 Chem. Ind.*, 41 (Apr. 29, 1922), 287A
- Montignie
Identifying phenols
L' Union pharm.; through *Drug. Circ.*, 66
 (May 1922), 188
- Moureau, C., and Dufraisse, C.
Anti-oxidation
Comptes rend.; through *Pharm. J.*, 108 (Apr.
 1, 1922), 264
- Penfold, A. R.
Aromatic aldehydes in eucalyptus oils
Trans. Chem. Soc.; through *J. Soc. Chem. Ind.*,
 41 (Apr. 15, 1922), 269A
- Peters, B. A.
Bile salt in pediculosis
Brit. Med. J.; through *Pharm. J.*, 108 (Apr. 22,
 1922), 332
- Schmidt-Nielsen, S.
Zoömaric acid
Chem. Umschau; through *J. Soc. Chem. Ind.*,
 41 (Apr. 29, 1922), 300A
- Sieburg, E., and Bachmann, F.
The foaming of saponins
Biochem. Zsch.; through *J. Soc. Chem. Ind.*,
 41 (Apr. 15, 1922), 267A
- Speckan, C.
**Sweetness of derivatives of para-oxyphenyl-
 urea**
Ber. dtsch. pharm. Ges., 32 (Mch. 1922), 83
- Tollens, C.
Mixing neo-salvarsan with colloidal mercury
Münch. med. Wsch.; through *Pharm. Ztg.*, 67
 (Apr. 5, 1922), 295
- Toplis, W. G.
Unusual alkaloidal precipitant
J. AM. PHARM. ASSOC., 11 (May 1922), 343
- Whelan, Julia
Oil of *Bystropogon canis*
J. AM. PHARM. ASSOC., 11 (May 1922), 337
- Wille, I.
Chloropicrin as insecticide
J. Soc. Chem. Ind.; through *Merck's Rept.*, 31
 (Apr. 1922), 49
- Wolgast, K.
Assay of acetic anhydride
Svensk. Chem. Tid.; through *Pharm. J.*, 108
 (Apr. 22, 1922), 332
- Zellner, J.
Rapinic acid
Chem. Umschau; through *Pharm. Zent.*, 63
 (Apr. 6, 1922), 200
- CLINICAL AND DIAGNOSTIC METHODS.
- Nicholls, A. G.
Staining granules in bacilli
J. Lab. Clin. Med.; through *Pharm. J.*, 108
 (Apr. 1, 1922), 263
- Von Friedrich
**Simple assay of hydrochloric acid in the
 stomach**
Dtsch. med. Wsch.; through *Pharm. Zent.*, 63
 (Apr. 13, 1922), 210
- MISCELLANEOUS.
- Crowther, R. E.
Developing photographs in the light
Brit. Phot.; through *Merck's Rept.*, 31 (Apr.
 1922), 53
- Debucquet, L.
Composition of a "rhinolith"
J. pharm. chim., 25 (Apr. 1, 1922), 305
- D'Halluin, M., and Raquet, D.
X-ray opaque meal
Arch. elect. med.; through *Pharm. J.*, 108 (Apr.
 1, 1922), 263
- Looney, J. M.
Making collodion membranes
J. Biol. Chem.; through *Pharm. J.*, 108 (Apr.
 29, 1922), 350