

BIBLIOGRAPHY OF PHARMACEUTICAL RESEARCH

Compiled by A. G. DuMez, Reporter on the Progress of Pharmacy.

All articles in these lists will be presented in abstract form in the bound volumes of the Year Book, which is issued annually. Those desiring abstracts immediately can obtain them for a fee of one dollar each by communicating with A. G. DuMez, University of Maryland, School of Pharmacy, N. W. cor. Lombard and Greene Sts., Baltimore, Maryland.

APPARATUS AND MANIPULATIONS.

Beguín, Ch.

Rapid percolation applied to centaury

Pharm. Acta Helv., 6 (1931), 219

Bergwald, Fritz

Use of ointment mills with cylindrical separators

Apoth.-Ztg., 46 (1931), 1505

PHARMACEUTICAL PREPARATIONS.

Clarke, W. J.

Acridine emulsion

Pharm. J., 127 (1931), 435

Goursat, M.

Physico chemical study of solutions of sodium glycerophosphate and of sodium cacodylate in the presence of strychnine sulphate

J. pharm. chim., 14 (1931), 432

Kroeber, Ludwig

Fluidextract of *Artemisia vulgaris*

Pharm. Zentralh., 72 (1931), 756

Kroeber, Ludwig

Fluidextract of *Melissa officinalis*

Pharm. Zentralh., 72 (1931), 772

Osol, Arthur

Tincture of ferric chloride

Am. J. Pharm., 103 (1931), 638

Perino, M.

Tincture of digitalis of low alcoholic content

Bull. Chim. Farm., 70 (1931), 489; through

Pharm. J., 127 (1931), 419

Peyer, W., and Gstirner, Fritz

II. Uncommon tinctures and fluidextracts

Pharm. Zentralh., 72 (1931), 769

Schousen, Chr.

Note on fluidextract of ergot

Dansk Tids. Farm., 5 (1931), 161

Smith, Maurice I., and Stohlman, E. F.

Some factors influencing the stability of fluid-extract of ergot

J. Pharmacol. & Exper. Therap., 43 (1931), 621

PHARMACOLOGY, TOXICOLOGY AND THERAPEUTICS.

Becker, T. J., et al.

Comparison of the rat and mouse units in the assay of the female sex hormone

J. Pharmacol. & Exper. Therap., 43 (1931), 693

Burn, J. H., and Greville, G. D.

Importance of a standard of reference in the determination of the toxicity of mercurochrome

J. Pharmacol. & Exper. Therap., 43 (1931), 645

Epstein, David

Tolerance of the toad toward strophanthin

J. Pharmacol. & Exper. Therap., 43 (1931), 697

Gaudin, O., and Carron, B.

Action of the pyrethrins on the musculature of the helminthes

Bull. sci. pharmacol., 38 (1931), 627

Gerlough, Tilman D.

Comparison of the physiological activity of fluidextracts of ergot by the cock's comb and colorimetric methods

Am. J. Pharm., 103 (1931), 644

Peirier

Intravenous injections of sodium chaulmoograte

J. pharm. chim., 14 (1931), 426

Schultzer, Paul

Quantitative determination of vitamins A and D

Dansk Tids. Farm., 5 (1931), 177

Vogt, M.

Dangers and narcotic action of the barbituric acid derivatives

Arch. expl. Path. Pharmacol.; through *J. Pharm. Belg.*, 13 (1931), 908

ANIMAL AND VEGETABLE DRUGS.

Anon.

Report of Sub-Committee on Ergot of the British Pharmacopoeial Commission

Pharm. J., 127 (1931), 482

Harada, Taichi

Preparation of *Aspergillus oryzae* enzymes

Ind. Eng. Chem., 23 (1931), 1424

Peyer, W., and Hünerbein, H.

Derris elliptica

Apoth.-Ztg., 46 (1931), 1485

Kariyone, T., and Terasaki, Y.

Boric acid content of agar agar and algæ

J. Pharm. Soc. Japan, No. 596 (1931), 110

Sugii, Y., et al.

Investigation of a constituent of *Shikeihi*

J. Pharm. Soc. Japan, No. 596 (1931), 109

Youngken, Heber W.

A pharmacognostical study of derris
Am. J. Pharm., 103 (1931), 628

ALKALOIDS AND GLUCOSIDES.

Agn

Determination of the alkaloidal content of vinegar of squill

Farm. Tidende, No. 33 (1931); through *J. pharm. Belg.*, 13 (1931), 889

Bartsch, Ole

Stability of ergotamine

Dansk Tids. Farm., 5 (1931), 172

Mannich, C.

Glucosides of Digitalis lanata

Versamml. Deutsch. Naturf. u. Aerzte, 1930; through *Pharm. Weekbl.*, 68 (1931), 1200

Rabe, Paul, et al.

Total synthesis of the cinchona alkaloids, hydroquinidine

Ber. (1931), 2048; through *Pharm. Ztg.*, 76 (1931), 1357

ESSENTIAL OILS.

Com. Soc. of Pub. Analysts

Report on uniformity of methods for the determination of cineole

Perf. & Ess. Oil., 22 (1931), 368

Freise, Fred. W.

Some unknown essential oils from Brazilian plants used as anthelmintics

Perf. & Ess. Oil Rec., 22 (1931), 370

Kaku, T., Cho., Ch., and Orita, T.

Constituents of the essential oil of Asarum Sieboldi var. seoulensis

J. Pharm. Soc. Japan, No. 596 (1931), 112

Reilly, J., et al.

Determination of the menthone content of peppermint oil

Perf. & Ess. Oil Rec., 22 (1931), 378

Singleton, Frederick

Theory of the phytosynthesis of volatile oils and allied principles

J. Soc. Chem. Ind., 50 (1931), 989

OILS, FATS & WAXES.

DeConno, E., and Finelli, L.

Crismer's index and the critical temperature of solubility of fats in alcohol of varying concentration

Ann. chim. applicata, 21 (1931), 365; through *J. Soc. Chem. Ind.*, 50 (1931), 1060

Grossfeld, J., and Mechliniski, P.

Investigation of the exactness of the saponification values of edible fats

Apoth.-Ztg., 46 (1931), 1578, 1594

Taufel, K., et al.

Modification of the Kreis reaction for rancid fats

Z. angew. Chem., 44 (1931), 873; through *J. Soc. Chem. Ind.*, 50 (1931), 1105

ANALYTICAL METHODS AND RESULTS.

Akiyama, J., and Yasui, I.

Iodimetric determination of hydrogen peroxide
J. Pharm. Soc. Japan, No. 596 (1931), 116

Bougault, J., and Cattelain, E.

Elimination of the phosphoric ion as bismuth phosphate in the analysis of salts by the wet method

J. pharm. chim., 14 (1931), 417

Brandrup, Wolfgang

Evaluation of fluidextract of orange peel

Apoth.-Ztg., 46 (1931), 1550

Smith, G. Frederick, and Bliss, H. H.

Determination of iron using basic mercuric bromate

J. Am. Chem. Soc., 53 (1931), 4291

Wasicky, R., et al.

Evaluation of bitter drugs

Bull. Federat. Intern. Pharm., No. 2 (1931); through *Pharm. Ztg.*, 76 (1931), 1385

ORGANIC CHEMICALS.

Conant, J. B., et al.

Structure of chlorophyll B.

J. Am. Chem. Soc., 53 (1931), 4436

Rosenthaler, L.

Contribution to the identification of organic compounds VII

Pharm. Ztg., 76 (1931), 1301

THE SALE OF HYPNOTICS IN NEW YORK CITY RESTRICTED.

Section 126 of the Sanitary code recently adopted by the New York City Board of Health provides that no barbital or other hypnotic drug shall be sold at retail or dispensed to any person in the city of New York except upon the written prescription of a duly licensed physician, dentist or veterinarian. The comment provides further that no pharmacist shall dispense any such drug without affixing to the container in which the drug is sold or dispensed a label bearing the name and address of the pharmacist, the date compounded and the consecutive number of the prescription.

First Aid Week—March 13th to 19th.