

BIBLIOGRAPHY OF PHARMACEUTICAL RESEARCH

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

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- Anon.
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Farm. Notisbl. (1928), 123; through *Pharm. Zentralh.*, 70 (1929), 460

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- Bischoff, Fritz, et al.
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- Chen, K. K., et al.
Relationship between the pharmacological action and chemical structure of optical isomers of ephedrine and related compounds
J. Pharmacol. & Exper. Therap., 36 (1929), 363
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Racial differences as illustrated by the mydriatic action of cocaine, euphthalmine and ephedrine
J. Pharmacol. & Exper. Therap., 36 (1929), 429
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Comparative tests of chlorine disinfectants
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Gibbs, O. S.
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J. Pharmacol. & Exper. Therap., 36 (1929), 173
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Consideration of the methods and results in the standardization of the ovarian hormone
Jour. A. Ph. A., 18 (1929), 677
Krogh, A., and Hemmingsen, A. M.
Assay of insulin on rabbits and mice
Kgl. Danske Videnskab. Selskab, Biol. Medd., 7 (1928), 1-13; through *Chem. Abstr.*, 23, (1929), 3303
Runne, H.
Chemistry and pharmacology of digitalis
Pharm. Zentralh., 70 (1929), 453
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Ouabain (g-strophanthin or acokantherin), physiological standard for digitalis, strophanthus and squill
J. Pharmacol. & Exper. Therap., 36 (1929), 481
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Standardization of preparations containing ergotamine
Arch. intern. pharmacodynamie, 34 (1928), 224; through *Chem. Abstr.*, 23 (1929), 3539
Tatum, A. L., and Seevers, M. H.
Experimental cocaine addiction
J. Pharmacol. & Exper. Therap., 36 (1929), 401
Tixier, Georges
Spectrographic verification of the activation of ergosterol by irradiation with ultra-violet rays

Bull. sci. pharmacol., 36 (1929), 337

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Delvaux, Edgard

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J. pharm. Belg., 11 (1929), 429

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Histological and microchemical studies on the bark and leaf of *Artobotrys suaveolens* Blume

Philippine J. Sci., 38 (1929), 269; through *Chem. Abstr.*, 23 (1929), 3540

ANIMAL AND VEGETABLE DRUGS.

Caines, Charles M.

Assay of *hyoscyamus* leaves and extract of *hyoscyamus*, B. P.

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Haag, Harvey B., and Hatcher, Robert A.

Observations on the keeping properties of digitalis and some of its preparations

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Jour. A. Ph. A., 18 (1929), 698

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Production of vegetable drugs in Poland

Pharm. Zentralh., 70 (1929), 438

Yaoi, Hildetake, and Kasai, Hisao

Purification of vaccine virus by adsorption on kaolin

Proc. Imp. Acad., Japan, 5 (1929), 179; through *Chem. Abstr.*, 23 (1929), 3542

ALKALOIDS AND GLUCOSIDES.

Maranon, Joaquin M.

Alkaloidal constituent of *Artobotrys suaveolens* Blume

Philippine J. Sci., 38 (1929), 259; through *Chem. Abstr.*, 23 (1929), 3539

Mascre, M.

Estimation of total cinchona alkaloids

Bull. sci. pharmacol., 36 (1929), 351

Polonovski, Max and Michel

Belladonnine, bellatropine and chlorotropane

Bull. soc. chim., 45 (1929), 304; through *Chem. Abstr.*, 23 (1929), 3541

Sadolin, Erik

Study of optimal conditions for the isolation of cocaine from physiological material

Dansk Tids. Farm., 3 (1929), 188

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Determination of the oxidizability of adrenaline

Casopis Českosl. Lékařnicvá, 9 (1929), 3; through *Chem. Abstr.*, 23 (1929), 3541

Wischo, Fritz

Detection of minute quantities of apomorphine in morphine solutions

Pharm. Monatsh., 10 (1929), 66; through *Chem. Abstr.*, 23 (1929), 3304

ESSENTIAL OILS.

Berry, Philip A.

Estimation of cineole in eucalyptus oil

Australasian J. Pharm., 44 (1929), 203

Chernukhin, A.

Importance of grinding seeds in the manufacture of coriander and anise oils

Oil and Fat Ind., Russia, No. 5 (1928), 11; through *Chem. Abstr.*, 23 (1929), 3538

Fernandez, O., and Moscardo, A.

Comparative study of methods of determination of citral in lemon oil

Anal. Fis. Quim., 2 (1929), 265; through *J. Soc. Chem. Ind.*, 48 (1929), 576

Jermstad, Axel

Oil of cascara bark volatilized by alcohol-water vapor

Pharm. Acta Helv., 4 (1929), 90

Kaufmann, H. P.

Bromometric and rhodanometric estimation of essential oils

Arch. Pharm., 267 (1929), 249

Jermstad, Axel

Terpenes and other constituents of Norwegian juniper oil

Riechstoffind., 4 (1929), 44; through *Chem. Abstr.*, 23 (1929), 3304

Swallow, Edward

Australian sandalwood oil compared with the official

Jour. A. Ph. A., 18 (1929), 684

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Cooking, T. Tusting

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Schellbach
Cacao butter
Pharm. Ztg., 74 (1929), 875

INORGANIC AND THEORETICAL CHEMISTRY.

- Eiderman, E. M.
Methyl red as an indicator for the determination of several alkaloids
Farm. Zhur. (1928), 602; through *Chem. Abstr.*, 23 (1929), 3541
- Hymas, F. C.
Photo-chemical methods of testing sources of ultra-violet radiation
Pharm. J., 123 (1929), 16
- Liversedge, S. Gordon
Gravimetric electrodeposition of metals and its application to pharmaceutical chemicals
Pharm. J., 123 (1929), 13
- Van de Vyvere, P.
Application of the method of Becke to the investigation of chemicals
Pharm. Tijds., 7 (1929), 65
- Wratschko, F.
Application of "critical solution temperature" to pharmaceutical investigations
Pharm. Presse, 34 (1929), 143; through *Chem. Abstr.*, 23 (1929), 3539

INORGANIC CHEMICALS.

- Caley, Earle R.
New qualitative reagent for sodium
J. Am. Chem. Soc., 51 (1929), 1965
- Peacock, Josiah C., and Bertha L. De G.
Chlorine productivity of mixtures of potassium chlorate and tincture of ferric chloride
Jour. A. Ph. A., 18 (1929), 692
- Ferrey, G. J. W.
Notes on the determination of nitrates in bismuth carbonate
Pharm. J., 123 (1929), 10
- Maxwell, L. C., and Bischoff, Fritz
Solubility of lead salts in physiological salt solutions
J. Pharmacol. & Exper. Therap., 36 (1929), 279
- Smith, Wilfred
Volumetric determination of phosphoric acid
Pharm. J., 123 (1929), 12

ORGANIC CHEMISTRY.

- Anon.
Manufacture of hexamine

Chem.-Ztg. (1928), 735; through *Pharm. J.*, 123 (1929), 69

Collins, George W., and Stasiak, Aranka
Comparative chemical examination of different brands of acriflavine hydrochloride and acriflavine base

- Jour. A. Ph. A.*, 18 (1929), 659
- de Lestrangle, Y., and Levy, Jeanne
Pharmacodynamic study of some phenyl-cholines and their homologues
Bull. sci. pharmacol., 36 (1929), 353
- DeMyttenaere, F.
Analysis of quinine iodobismuthate
J. pharm. Belg., 11 (1929), 449
- DeSantos, Irene, and West, Augustus P.
Chaulmoogryl-substituted phenols and ethyl chaulmoogryloxybenzoate
Philippine J. Sci., 38 (1929), 293; through *Chem. Abstr.*, 23 (1929), 3540
- Evers, Norman
Observations on the antimony trichloride color test for vitamin A
Pharm. J., 123 (1929), 12
- Harden, Wilton C., and Drake, Nathan L.
A new series of sulphonephthaleins
J. Am. Chem. Soc., 51 (1929), 2278
- Hymas, F. C., and Middleton, G.
Oxidation of ether—effect of certain gases
Pharm. J., 123 (1929), 15
- Priester, R.
Production of isosafrole
Riechstoffind., 4 (1929), 41; through *Chem. Abstr.*, 23 (1929), 3304

- Rae, J.
Salicyl-sulphonic acid
Pharm. J., 122 (1929), 618
- Raiford, L. Chas., and Hildebrand, J. G.
Cresyl esters of phenylacetic acid
Am. J. Pharm., 101 (1929), 481
- Ware, Alan
Use of aldehydes and dihydroxyacetone in the detection and differentiation of phenols
Pharm. J., 123 (1929), 13
- Ware, Alan H.
Some distinctive tests for phenols involving the use of hydrogen peroxide
Pharm. J., 123 (1929), 15

CLINICAL REAGENTS AND TESTS.

- Stich, C.
Colorimetric determination of small quantities of sugar in urine
Pharm. Zentralh., 70 (1929), 437