

BIBLIOGRAPHY OF PHARMACEUTICAL RESEARCH

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

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APPARATUS AND MANIPULATIONS.

- Fabre, R. and Pénau, H.
A method for rapid dialysis, and its application to the preparation of dialized iron oxide
J. pharm. chim., 3 (1926), 100
- Horst, F. V.
Preparation of a very sensitive Congo red paper
Z. angew. Chem., No. 42 (1925), 947; through
J. pharm. Belg., 8 (1926), 118
- MacMullin, R. B.
An automatic apparatus for determining the melting point of organic compounds
J. Am. Chem. Soc., 48 (1926), 439
- Speter, M.
Melting point apparatus for several simultaneous estimations
Pharm. Zentralh., 67 (1926), 6
- Vuilleumier, E. A.
The Dickinson alchometer
Ind. Eng. Chem., 18 (1926), 261

PHARMACEUTICAL PREPARATIONS.

- Anon.
Extract of insect flowers
Drug. Circ., 70 (1926), 106
- Bose, S. and De, P.
Deterioration of tincture of digitalis in the tropics
Indian Med. Gaz., 60 (1925), 1529; through
Pharm. Zentralh., 67 (1926), 117
- Braun, A.
Evaluation of ergot preparations
Arch. expil. Path. Pharm., 108 (1925); 96,
through *Chem. Abstr.*, 20 (1926), 478
- Reynes.
Dressing for wounds
L'Union pharm., 66, 254; through *Drug. Circ.*,
70 (1926), 106
- Wilson, J. B. and Sole, J. W.
Evaluation of commercial oleoresins
Ind. Eng. Chem., 18 (1926), 283

PHARMACOLOGY AND THERAPEUTICS.

- Anon.
Regulation of blood p_H under normal and pathological conditions
Bull. soc. chim. biol., (1925), 884; through
J. pharm. Belg., 8 (1926), 104
- Béteau.
Attempted treatment of dysentery by a salt of bismuth
Progress méd. (Jan. 9, 1926); through *Répert. pharm.*, 37 (1926), 53
- Binet, L. and Fabre, R.
Fate of camphor and oil after experimental injection of camphorated oil
J. pharm. chim., 3 (1926), 63
- Briggs, A. P.
Colorimetric estimation of small quantities of phosphorus
J. Biol. Chem., 59 (1924), 255; through *J. pharm. chim.*, 3 (1926), 123
- Cardot, H. and Régnier, J.
Contributions to the pharmacological study of cocaine hydrochloride
Bull. sci. pharmacol., 33 (Jan. 1926), 10; (Feb. 1926), 77
- Cuny, L.
Colorimetric estimation of non-protein nitrogen in serum
J. pharm. chim., 3 (1926), 150
- Debédat.
Cancer of radiologists cured by high frequency
Compt. rend. acad. sci. (Jan. 11, 1926); through
Répert. pharm., 37 (1926), 48
- Denis, W. and Hume, H. V.
On the nature of blood sugar
J. Biol. Chem., 60 (1924), 603; through *J. pharm. chim.*, 3 (1926), 121
- Desgrez, A., et al.
Doses of insulin; their physiological and therapeutic effects
Bull. Acad. Méd. (May 5, 1925); through
Bull. sci. pharm., 33 (1926), 127

Fairbrother, T. H. and Renshaw, A.
Preparation, properties, application and testing of antiseptics
Ind. Chemist, 1 (1925), 419; through *Chem. Abstr.*, 20 (1926), 796

Fournier and Mollaret
Hyposulfite of gold and sodium in syphilis
Compt. rend. acad. sci. (Dec. 7, 1925); through *Répert. pharm.*, 37 (1926), 47

Francois-Dainville and Roussel
Excretion of sodium benzoate
Presse médicale; through *Am. Drug.*, 79 (1926), 12

Friend, M. H.
Estimation of adrenalin in urine
J. Biol. Chem., 57 (1923), 497; through *J. pharm. chim.*, 3 (1926), 121

Gadamer, L. v.
Estimation of chromium in toxicological precipitates
Apoth. Ztg., 40 (1925), 9; through *Pharm. Zentralh.*, 67 (1926), 22

Gosset and Eveny
Tetraiodide for rendering the bile duct opaque to the Roentgen rays
Presse médicale (Sept. 5, 1925); through *Répert. pharm.*, 37 (1926), 46

Halle, M. C. and Shillinger, J. E.
Tetrachlorethylene as an anthelmintic
Pract. Drug., 44 (1926), 34

Klenk, E.
"Nervon" a new cerebroside
Chem.-Ztg., No. 81 (1925); through *J. pharm. Belg.*, 8 (1926), 54

Knoftl, E.
Biological evaluation of drugs
Pharm. Monats., 6 (1925), 209; through *Chem. Abstr.*, 20 (1926), 796

Kroeber, L.
Results of a study of a series of native medicinal drugs
Pharm. Zentralh., 67 (1926), 18

Labbatani, L.
A new pharmacological reaction for sulphur
Ber. ges. Physiol. u. ciper. Pharm., 32 (1925), 146; through *Schweiz. Apoth. Ztg.*, 64 (1926), 66

Lumière, A. and Couturier
Toxicity of serum treated with starch
Compt. rend. acad. sci. (Jan. 4, 1926), through *Répert. pharm.*, 37 (1926), 50

Mita, J.
Toxicity of oxidation products of ether
Arch. expl. Path. Pharm., 104 (1924), 276; through *J. pharm. chim.*, 3 (1926), 67

Piettre, M.
Renal permeability and the application of the acetone method to the separation and study of protein material in albuminaria
J. pharm. chim., 3 (1926), 97

Pouchet
Toxicity of hypophosphites
L' Union pharmaceutique (1925), 293; through *J. pharm. Belg.*, 8 (1926), 56

Wasicky, R. et al.
Estimation of digitalis
Arch. Pharm., 1 (1926), 92

Wyss, F.
Biochemical estimation of insulin
Compt. rend. acad. sci. France (Aug. 31, 1925); through *J. pharm. Belg.*, 8 (1926), 55

GENERAL BOTANY AND BACTERIOLOGY.

Anon.
Llama serum in syphilis
Pharm. Tijdschr. Nederl. Indie (1925), 453; through *J. pharm. Belg.*, 8 (1926), 106

Martin-Sans, E.
Some errors in collecting, and substitutions in medicinal plant trade
Bull. sci. pharm., 33 (1926), 31

Pictet, A.; Scherrer, W.; and Helper, L.
On the presence of argon in the living cell
Compt. rend. acad. sci., 180 (1925), 236; through *J. pharm. chim.*, 3 (1926), 70

VEGETABLE AND ANIMAL DRUGS.

Peyes.
Tragacanth
Apoth. Ztg., (1925), 376; through *Drug. Circ.*, 70 (1926), 106

ALKALOIDS AND GLUCOSIDES.

Annett, H. E. and Singh, H. D.
Further experiments on the influence of fertilizers on the morphine yield and content of the latex of the opium poppy
Mem. Dept. Agr. India, 8 (1925), 27; through *Chem. Abstr.*, 20 (1926), 797

Bodner, J. and Ferenczy, J.
Decomposition of atropine sulphate
Arch. Pharm., 263 (1925), 566; through *Chem. Abstr.*, 20 (1926), 646

Bridel, M. and Picard, P.
On the preparation and properties of monotropitoid
J. pharm. chim., 3 (1926), 49

- Cattelain, E.
Colchicine, alkaloid of *Colchicum autumnale* L., extraction, properties and constitution of
J. pharm. chim., 3 (1926), 162
- Charaux, C.
Melitioside, glucoside generator of coumaric acid extract of the flowers of *Melilotuh altissima*, Thuil and *Marvensis* Wallr
Bull. soc. chim. biol., (1925), 1056; through
J. pharm. Belg., 8 (1926), 70
- Charaux, C. and Delauney, P.
On the presence of loroglossin in *Listera ovata* R. Br. and *Epipactis palustris*, Crantz, and some new reactions of this glucoside
J. pharm. chim., 3 (1926), 108
- Deer, A., Jr.
Examination of quinine salts for secondary alkaloids
Pharm. Monats., 6 (1925), 185; through *Chem. Abstr.*, 20 (1926), 646
- Delauney, P.
On the glucosides of several indigenous species of orchids
J. pharm. chim., 3 (1926), 104
- Grabowska, M., and Weil, St.
Study of the extraction of opium alkaloids
Bull. trav. inst. pharm. Etat, No. 2 (1925), 3; through *Chem. Abstr.*, 20 (1926), 646
- Hérissey, H. and Cheymol, J.
Sugars formed by humic acid; obtained from vicianose by hydrolytic fermentation of this glucoside
J. pharm. chim., 3 (1926), 156
- Holderman.
Alkaloidal estimations
Pharm. Ztg., 70, 1704; through *Drug. Circ.*, 70 (1926), 106
- Kolthoff, I. M.
Electrometric titration of alkaloids and the reaction of alkaloid salts
Pharm. Weekblad, 62 (1925), 1287; through
J. Soc. Chem. Ind., 45 (1926), B74
- Lestra, H.
Note on the alkaloids crystallized from *Lobelia inflata*
Bull. sci. pharmacol., 33 (1926), 16
- Palkin, S. and Wales, H.
Dyes from the alkaloids of *ipecacuanha*
J. Am. Chem. Soc., 48 (1926), 836
- Poulsso, E. and Weidemann, G.
Allylbenzoylcegonine and benzylbenzoylcegonine
Arch. f. Path. u. Pharm., 105 (1925), Nos. 1 and 2; through *J. pharm. chim.*, 3 (1926), 173
- Pyman, F. L.
Dyes from the alkaloids of *ipecacuanha*
J. Am. Chem. Soc., 48 (1926), 836
- Schiringa, K.
Polarimetric examination of quinine and quinine derivatives
Pharm. Weekblad, 62 (1925), 174; through
Pharm. Zentralh., 67 (1926), 22
- Windaus and Schwarte
New researches on the glucoside of *digitalis*: gitoxin
Pharm. Weekblad, (1925), 1272; through *J. pharm. Belg.*, 8 (1926), 69
- OILS, FATS AND WAXES.
- Annett, H. E. and Bose, M. N.
Oil content of the seeds of the opium poppy
Mem. Dept. Agr. India, 8 (1925), 39; through
J. Soc. Chem. Ind., 45 (1926), B66
- Dieterle, H.
Contribution to the literature on the oil containing seed of *Datura alba*, Nees
Arch. Pharm., 2 (1926), 140
- Haxthausen, M.
Rays from cod liver oil
Hospitalstidende; through *Am. Drug.*, 79 (March 1926), 12
- Rogers, A.
Analytical data on shark and ray oils
J. Am. Leather Chem. Assoc., 20 (1925), 497; through
Chem. & Ind., 45 (1926), B19
- Sabalitschka, T.
Determination of the melting point of cacao butter
Z. angew. Chem., 38 (1925), 1013; through *J. Soc. Chem. Ind.*, 45 (1926), B20
- Stocking, C. H.
Wool fats ancient and modern
Pharm. Era, 62 (1926), 27
- ESSENTIAL OILS.
- Anon.
Adulteration of oil of limes
Parfum. moderne, 18 (1925), 254; through
Chem. Abstr., 20 (1926), 478
- Anon.
Aromatic plants and essential oils of the Crimea and the Caucasus
Perf. & Ess. Oil Rec., 17 (1926), 48
- Anon.
Investigations of essential oils
Bull. Imp. Inst., 23 (1925), 421; through
Chem. Abstr., 20 (1926), 797
- Anon.
Sources of geraniol
Parfums de France, No. 31 (1925), 243; through
Chem. Abstr., 20 (1926), 478

- Adida, A. and Demigneux, M.
Contribution to the study of the first hydro-carbon fraction of thymol oils
Bull. sci. pharmacol., 33 (1926), 65
- Belani, E.
Thiosept oil
Petroleum Z., 21 (1925), 1439; through *Chem. Abstr.*, 20 (1926), 477
- Carter, P. G. and Read, J.
Examination of some Rhodesian eucalyptus oils
Chem. & Ind., 45 (1926), B76
- Etablissements A. Chiris
Oil of *Daerydium elatum* from Tonquin
Parfums de France, No. 34 (1925), 353; through *Chem. Abstr.*, 20 (1926), 798
- Etablissements A. Chiris
Oil of lavender
Parfums de France, No. 33 (1925), 318; through *Chem. Abstr.*, 20 (1926), 478
- Gardner, R.
Essential oil of manuka (*Leptospermum scoparium*)
Chem. & Ind., 44-30T (1926), 528
- Gawalowski, A.
Lemon oil
Pharm. Monats., 6 (1925), 188; through *Chem. Abstr.*, 20 (1926), 646
- Glichitch, L. S.
Normal moisture content of essential oils
Parfums de France, No. 34 (1925), 351; through *Chem. Abstr.*, 20 (1926), 798
- Kremers, R. E.
Studies in the genus *Mentha*. VIII. On the aldehydes of peppermint oil
Am. J. Pharm., 98 (1926), 86
- Pater, B.
The oil of *Bifora radians* M. B.
Pharm. Zentralh., 67 (1926), 17
- Ramsay, A. A.
Extraction of oil of lemon
Agr. Gaz. N. S. Wales, 36 (1925), 705; through *Chem. Abstr.*, 20 (1926), 797
- Romeo, G. and Giuffrè, U.
***Nepetella*, pennyroyal and *origanum* oils**
Ann. chim. applicata, 15 (1925), 363; through *Perf. & Ess. Oil Rec.*, 17 (1926), 59
- Thoms, H.
Detection of phthalic acid diethyl ester in ethereal oils
Apoth. Ztg., 40 (1925), 196; through *Pharm. Zentralh.*, 67 (1926), 37
- Van Urk, H. W.
Estimation of eugenol in Oil of Cloves
Pharm. Weekblad, 62 (1925), 667; through *Pharm. Zentralh.*, 67 (1926), 101

MISCELLANEOUS PLANT CONSTITUENTS.

- Anon.
Saponins from the roots of the primrose
Arch. Pharm., 262 (1924), 318; through *J. pharm. chim.*, 3 (1926), 175
- Binaghi, R. and Falqui, P.
Researches on the root of *Gentiana lutea* L. growing wild in Sardinia
Ann. chim. applicata, 15 (1925), 386; through *Chem. Abstr.*, 20 (1926), 644
- Kiefer, H.
Active principles of aloe
Pharm. J., 115 (1925), 325; through *J. pharm. chim.*, 3 (1926), 65
- Lynn, E. V. and Cheng, P. Y.
A preliminary examination of four north-western plants
JOUR. A. PH. A., 15 (1926), 105
- A preliminary examination of four northwestern plants**
JOUR. A. PH. A., 15 (1926), 105
- Van Itallie, L. and Steenhauer, A. J.
***Myrrhis odorata* Scop. and the microchemical detection of anisic acid**
Pharm. Weekblad, 63 (1926), 4; through *Chem. Abstr.*, 20 (1926), 794

GENERAL AND PHYSICAL CHEMISTRY.

- Collard, E.
Preservation of solutions titrated with sodium hyposulphite
Répert. pharm., 37 (1926), 3
- Grau, C. A.
Destruction of organic material with perhydrol
J. pharm. chim., 3 (1926), 57
- Hargreaves, G. W.
A study of the thalleioquin reaction and a new modification
JOUR. A. PH. A., 15 (1926), 100
- Krantz, J. C., Jr. and Gordon, N. E.
Effect of hydrogen-ion concentration upon emulsions
JOUR. A. PH. A., 15 (1926), 83
- Moness, E. and Giesy, P. M.
Plasticity measurements in pharmacy
JOUR. A. PH. A., 15 (1926), 94
- Richter
Sodium sulphide as reagent
Pharm. Ztg., 70, 1739; through *Drug. Circ.*, 70 (1926), 106
- Schamelhout, A.
Solubilities of some drugs
J. pharm. Belg., 8 (1926), 65

INORGANIC CHEMICALS.

Kolthoff.

Argentometric estimation of iodides*Pharm. Weekblad*, 62, 1309; through *Drug. Circ.*, 70 (1926), 106

Picon.

Purity and use of bismuth oxide and carbonate*J. pharm. chim.*, 3 (1926), 58

Stettbacher

Estimation of mercury and arsenic in corrosives in the presence of difficultly oxidizable substances*Chem.-Ztg.*, S (1924), 242; through *Pharm. Zentralh.*, 67 (1926), 101

Valentin, H.

Assay of purity of official bismuth salts*Apoth. Ztg.*, No. 70 (1925); through *J. pharm. Belg.*, 8 (1926), 68

Wirth, E.

Changes in boric acid solution*Münch. med. Wochschr.*, (1925), 2019; through *J. pharm. Belg.*, 8 (1926), 70

ORGANIC CHEMICALS.

Anon.

Collargol or colloidal silver*Pharm. Zentralh.*, 67 (1926), 69

Barbaudy, J.

Dehydration of aqueous alcohol by rectification with benzene*Compt. rend.*, 181 (1925), 911; through *Chem. & Ind.*, 45 (1926), B107

Bert, L. and Dorier, P. C.

Synthesis of thymol from isopropyl alcohol*Perf. & Ess. Oil Rec.*, 17 (1926), 59

Bickel, V. T. and French, H. E.

Alpha-naphthylisocyanate as a reagent for alcohols*J. Am. Chem. Soc.*, 48 (1926), 747

Bruchhausen, F. v. and Hanzlick, E.

Determination of mercuric chloride*Apoth. Ztg.*, No. 84 (1925), 1115; through *J. pharm. Belg.*, 8 (1926), 117

Cazzani, U.

Determination of arsenic and silver in silver arsenobenzenes*Boll. chim.-farm.*, 64 (1925), 513; through *Chem. & Ind.*, 45 (1926), B107

Coquoin, R.

Estimation of gold in organic mixtures*Compt. rend. soc. biol. Ann.*, 93 (1925), 584; through *J. pharm. chim.*, 3 (1926), 124

Cuny, L.

Iodometric estimation of some organic acids*J. pharm. chim.*, 3 (1926), 112

Donath and Sebor

Determination of menthol in alcoholic solutions*Chem. Listy*, 19 (1925), 363; through *J. Soc. Chem. Ind.*, 45 (1926), B75

Faust, H. and Spengler, Th.

Estimation of chlorine in benzoic aldehyde and cinnamic aldehyde*Chem.-Ztg.*, No. 103 (1925); through *J. pharm. Belg.*, 8 (1926), 52

Fodor, A. and Reifenberg, A.

Researches on the fermentation of tobacco.**I. Methods for separating nicotine and ammonia***Biochem. J.*, 19 (1925), 827; through *Chem. Abstr.*, 20 (1926), 477

Georgia, F. R. and Morales, R.

Detection of methanol in alcoholic beverages*Ind. Eng. Chem.*, 18 (1926), 304

Hepner, B.

Researches on bismuth compounds. II*Arch. Pharm.*, 1 (1926), 55

Hepner, B. and Likiernik, A.

Researches on bismuth compounds. I*Arch. Pharm.*, 1 (1926), 40

Herboth, L.

The influence of sodium hydroxide on the adsorption of arsenious acid by ferric saccharate*Arch. Pharm.*, 2 (1926), 181

Hermány, A. S. E. v.

On theobromin calcium-calcium saccharate*Pharm. Zentralh.*, 67 (1926), 113

Krais, P. and Metes, W.

Simple estimation of "activin" in disinfectants, etc.*Z. angew. Chem.*, 38 (1925), 1045; through *Pharm. Zentralh.*, 67 (1926), 72

Lührig, H.

Estimation of small amounts of arsenic in cacao*Pharm. Zentralh.*, 66 (1926), 1

Mannich, C. and Ball, G.

On the synthesis of piperidin derivatives of methylamine, formaldehyde and acetone*Arch. Pharm.*, 1 (1926), 65

Picon.

Neutral and basic salicylates and benzoates of bismuth*J. pharm. chim.*, 3 (1926), 145

Reif, G.

Determination of dulcin with the aid of xanthidrol*Z. Nahr. Genussm.*, (1924), 238; through *Répert. pharm.*, 37 (1926), 57

- Rupp and Mueller
Estimation of mercury cyanide preparations
Apoth. Ztg., 40, 539; through *Drug. Circ.*, 70 (1926), 105
- Sabalitschka and Erdmann
Evaluation of commercial methylene blue
Chem.-Ztg., No. 81 (1925); through *Drug. Circ.*, 70 (1926), 105
- Supniewski, J. V. and Adams, R.
Organic bismuth compounds. I. Preparation of tricarboxy triphenyl-bismuth dichloride and certain nitro-triarlyl bismuth compounds
J. Am. Chem. Soc., 48 (1926), 507
- Täufel, K. and Klemm, B.
Natural and artificial sweetening materials. I. Degree of sweetness of saccharin and dulcin
Z. Nahr. Genussm., 50 (1925), 264; through *J. Soc. Chem. Ind.*, 45 (1926), B106
- Tavernari, M. G.
Industrial preparation of sodium methyl arsiniate and derived salts
Boll. chim.-farm., 64 (1925), 609; through *J. Soc. Chem. Ind.*, 45 (1926), B106
- Tomoda, Y.
Production of glycerine by fermentation
J. Fac. Eng. Tokyo, 15 (1924), 193; through *J. pharm. chim.*, 3 (1926), 122
- Topley, M. W. and Giesy, P. M.
Preparation of methyl acetylene
Jour. A. Ph. A., 15 (1926), 115
- Vanino, L. and Guyot, O.
"Citarin" as a quantitative reagent
Arch. Pharm., 1 (1926), 98
- v. Nöel, L.
Detection of coal tar in caramel
Pharm. Zentralh., 67 (1926), 33
- Wimmer.
Estimation of ethyl alcohol and methyl alcohol
Z. angew. Chem., 1925; through *Drug. Circ.*, 70 (1926), 105
- Wøhlk, A.
Some purity tests for ether
Arch. Pharm. Chem., 82 (1925), 381; through *Chem. Abstr.*, 20 (1926), 798
- Zamparo, A.
Identification of alkyl derivatives of barbituric acid
Boll. chim.-farm., 64 (1925), 257; through *Chem. Abstr.*, 20 (1926), 477

SIXTH CONGRESS OF INDUSTRIAL CHEMISTRY TO MEET IN BRUSSELS.

The AMERICAN PHARMACEUTICAL ASSOCIATION has been invited to send a delegate to the sixth Congress of Industrial Chemistry, which convenes in Brussels, September 26 to October 3. Papers for the program are solicited by the Congress. The Association was represented at the fourth Congress, held in Bordeaux, by H. C. Fuller, of Washington.

UNIVERSITY OF WISCONSIN HAS AN ADDITION TO ITS PHARMACEUTICAL POTS.

When after the New York meeting of the A. Ph. A., in 1907, Dr. Edward Kremers went to Europe on a mission for the Government, he and Mrs. Kremers called at the Pharmacie Anglaise in Antwerp to see the valuable collection of pharmaceutical pots of its owner. M. Comein presented two of his Delft pots to Mrs. Kremers; one of these bears the label E(xtractum) Camomill(ae) and the other U(nguentum) ad Scabiem. Recently a pot has been donated by B. F. de Hosson of Green Lake, Wis., a specimen of

Delft ware, dating back more than 200 years. The latter bears the same label as the other ointment jar mentioned, but the word Schabiem is spelled with an "h," apparently an unusual form or a misspelling by the artist. The pots are all of the same design and a strange coincidence is that two of them, as indicated, were used as containers for the same preparation.

PRESIDENT DANA C. MUNRO OF THE AMERICAN HISTORICAL ASSOCIATION ASKS FOR ASSISTANCE IN SECURING HISTORICAL DATA.

President Dana C. Munro, Princeton, N. J., of the American Historical Association has stated that there is urgent need for more thorough and dispassionate studies of the history of American International Relations. He referred to the fact that a great many valuable papers and documents were still exposed to loss by fire and theft, and that it was of importance that more attention to the preservation of such material be given. The Association is launching a campaign for a million dollars for carrying on the work.