

BIBLIOGRAPHY OF PHARMACEUTICAL RESEARCH

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

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APPARATUS AND MANIPULATIONS.

- Green, Robert G.
Surface tension balance
Ind. & Eng. Chem., 15 (1923), 1024
- Lundin, P. E.
Pharmacopœial directions for sterilization
Svensk Farm. Tidskr., 27 (1923), 401
- Van der Wielen, P.
New form of cachet and machine for filling
Pharm. Weekbl., 60 (1923), 984

PHARMACOPŒIAS AND FORMULARIES.

- Grove, W. R.
Review of the British Pharmaceutical Codex for 1923
Pharm. J., 111 (1923), 307
- Macri, V.
Scientific and practical notes on the Italian Pharmacopœia
Boll. Chim. Farm., 42 (1923), 417
- Tocher, J. F.
Some salient aspects of the British Pharmaceutical Codex for 1923
Pharm. J., 111 (1923), 307

PHARMACEUTICAL PREPARATIONS.

- Falkiner, Ninian M.
Soluble quinine salicylate
Brit. Med. J.; through *Am. Drug.*, 71 (Oct. 1923), 36
- Lagerquist, V.
Cosmetic ointment
Farm. Revy., No. 28 (1923); through *Chem. & Drug.*, 99 (1923), 434
- Meyer, A.
Preparation of tooth pastes
Oel u. Fett-Ind., No. 12 (1923); through *Chem. & Drug.*, 99 (1923), 434
- Schamelhout, A.
Notes on the preparation of Fowler's solution
J. pharm. Belg., 5 (1923), 581
- Schamelhout, A.
Composition of Pregl's iodine solution
J. pharm. Belg., 5 (1923), 600

- Schenk, D.
Preparation of iron albuminate solution with blood fibrin
Pharm. Ztg., 68 (1923), 534
- Van Rijin
Detection of methyl alcohol in alcoholic beverages
Pharm. Weekbl., 60 (1923), 978
- Winsl w
Digestion of tablets
Ugeskrift for L eger (July 12, 1923); through *Chem. & Drug.*, 99 (1923), 434

PHARMACOLOGY AND THERAPEUTICS.

- Anon
Bismuth preparations in the treatment of syphilis
J. Am. Med. Assoc., 81 (1923), 661
- Abel, J. J., and Rouiller, C. A.
Oxytocic principle of pituitary
J. Am. Med. Assoc., 80 (1923), 1875
- Chevalier and Mercier
Pharmacodynamic action of insecticide principle of pyrethrum
Compt. rend. acad. sci. (June 18, 1923); through *Repert. pharm.*, 35 (1923), 271
- Dixon, W. E.
Drug treatment: past, present and future
Pharm. J., 111 (1923), 373
- Juillet
Pharmacodynamic action of the insecticide constituent of pyrethrum
Compt. rend. acad. sci. (July 23, 1923); through *Repert. pharm.*, 35 (1923), 272
- Leclerc, Henri
Use of *Diplotaxis tenuifolia* in respiratory diseases
Bull. sci. pharmacol., 30 (1923), 461
- Lehmann, G.
Physico-chemical requirements of solutions for intravenous injection
Deutsch. med. Wchnschr., No. 27 (1923); through *Pharm. Ztg.*, 68 (1923), 707

Menschel, H.

Chemistry and nature of action of mercurial ointment

Biochem. Ztschr., 137 (1923); through *Pharm. Ztg.*, 68 (1923), 707

Reif, G.

Toxicity of pure methyl alcohol

Ztschr. angew. Chem., No. 41 (1923); through *Pharm. Ztg.*, 68 (1923), 707

Tomb, J. W.

Essential oils in the treatment of cholera

Ind. Med. Gaz. (1923), 257; through *Pharm. J.*, 111 (1923), 331

GENERAL BOTANY AND BACTERIOLOGY.

Chabanier, H., Lobo-Onell, C., and Lebert, M.

Preparation of an active pancreatic extract

Bull. soc. chim. biol. (1923), 389; through *J. pharm. Belg.*, 5 (1923), 633

Holmes, E. M.

Characteristics of *Matricaria chamomilla* and *M. inodora*

Pharm. J., 111 (1923), 305

Renaux, E.

Staining of spirochetes

Soc. Belge Biol. (June 30, 1923); through *Chem. & Drug.*, 99 (1923), 435

Tomicek, O., and Kredba, M.

Bactericidal action of mercury oxycyanide

Chem.-Ztg., No. 69 (1923); through *Pharm. Ztg.*, 68 (1923), 706

Van Os

Evaluation of disinfectants

Pharm. Weekbl., 60 (1923), 1042

VEGETABLE AND ANIMAL DRUGS.

Anon

Detection and estimation of masticogni root, a dangerous adulterant of licorice

Pharm. J., 111 (1923), 362

Dudley, H. W.

Purification and properties of insulin

Biochem. J. (1923), 376; through *Chem. & Drug.*, 99 (1923), 437

Holmes, E. M.

Notes on digitalis

Pharm. J., 111 (1923), 324

Lecours, J. E. W.

Purgative resin of *Dirca palustris*

Repert. pharm., 35 (1923), 275

Paul, T.

Standardized drugs

Ztschr. angew. Chem., 36 (1923), 345; through *J. Soc. Chem. Ind.*, 42 (1923), 857A

Peirlot, M.

Adulteration of saffron

Ann. falsif. (May 1923); through *Repert. pharm.*, 35 (1923), 263

Rakuzin, M. A., and Ivanov, S. L.

Composition and properties of papain

J. Russ. Phys.-Chem. Soc., 54 (1922), 243; through *J. Soc. Chem. Ind.*, 42 (1923), 856A

Rakuzin, M. A., and Ivanov, S. L.

Active principle of pepsin

J. Russ. Phys.-Chem. Soc., 54 (1922), 234; through *J. Soc. Chem. Ind.*, 42 (1923), 856A

Schoff, Wilfred H.

Aloes

Am. Drug., 71 (Oct. 1923), 31

Vischniac, Ch., and Busquet, H.

A contribution to the study of the active principle of *Spartium scoparium*

Bull. sci. pharmacol., 30 (1923), 461

Wastenson, Hugo

Studies on the deterioration of digitalis

Svensk Pharm. Tidskr., 27 (1923), 433

Xrayser II.

Yarrow

Chem. & Drug., 99 (1923), 451

ALKALOIDS AND GLUCOSIDES.

Favrel, G.

Estimation of santonin in santonica

Bull. sci. pharmacol., 30 (1923), 449

Glaser, E., and Kraus, M.

Synthesis of aesculin

Biochem. Ztschr., 138 (1923), 182; through *J. Soc. Chem. Ind.*, 42 (1923), 855A

Labat, A., and Pery, G.

Identification of preparations containing opium bases

Bull. soc. pharm. Bordeaux, 61 (1923), 17

Potel, E.

Some glucosides and galactosides of thiol

Bull. sci. pharmacol., 30 (1923), 453

Tanret, G.

Bases of the tropacocaine type from pseudo-pelletierine

Compt. rend. acad. sci., 176 (1923), 1659; through *J. Soc. Chem. Ind.*, 42 (1923), 855A

Van Itallie, L., and Harmsma, A.

Detection of apomorphine

Pharm. Weekbl., 60 (1923), 1046

Winterstein, E., and Guyer, A.

Taxin

Ztschr. physiol. Chem., 128 (1923), 175

OILS, FATS AND WAXES.

Dickhart, W. H.

Detection of olive oil in refined vegetable oils

Am. J. Pharm., 95 (1923), 684

Holm, George E., and Greenbank, George R.

Quantitative aspects of the Kreis test

Ind. & Eng. Chem., 15 (1923), 1051

Marange

Identification of cacao butter by miscibility curves

J. Soc. Chem. Ind., 42 (1923), 840A

Robertson, G. G.

Hydrogenated oil for oil-baths

Ind. & Eng. Chem., 15 (1923), 701

ESSENTIAL OILS.

Deussen, Ernest

Relationship between clove and hop oils

Ztschr. angew. Chem., 36 (1923), 348; through *Chem. & Drug.*, 99 (1923), 442

Glichitch, L. S.

Estimation of easily dehydrated alcohols in essential oils

Compt. rend. acad. sci., 177 (1923), 268; through *Perf. & Ess. Oil Rec.*, 14 (1923), 325

Goudie, Basil H.

Essential oil of the leaves of *Dacrydium biforme*

J. Soc. Chem. Ind., 42 (1923), 357T

Hofman

Temperature of immiscibility of the essential oils of the Netherlands Pharmacopœia with dilute alcohol

Pharm. Weekbl., 60 (1923), 1034

Parry, Ernest J.

Note on oil of citronella

Chem. & Drug., 99 (1923), 390

Pellini, Giovanni

Sicilian essential oils

Chem. & Drug., 99 (1923), 391

Pigulevski, G. V.

Essential oil of the seeds of *Sium latifolium*

J. Russ. Phys.-Chem. Soc., 54 (1922), 296; through *J. Soc. Chem. Ind.*, 42 (1923), 859A

Pigulevski, G. V.

Characters of some pine needle oils

J. Russ. Phys.-Chem. Soc., 54 (1922), 259; through *Chem. & Drug.*, 99 (1923), 442

Van Urk, H. W.

Note on Van Eck's method for determining eugenol in oil of cloves

Pharm. Weekbl., 60 (1923), 989

MISCELLANEOUS PLANT CONSTITUENTS.

Collip, J. B.

Glucokin, a new plant hormone

J. Biol. Chem., 56 (1923), 513

Svage, E.

Toxin of *Cicuta virosa*

Chem. Listy, 17 (1923), 166; through *J. Soc. Chem. Ind.*, 42 (1923), 856A

GENERAL AND PHYSICAL CHEMISTRY.

Angelescu, B. N.

Determination of barium as oxalate

Bul. Soc. Chim. România, 5 (1923), 12; through *J. Soc. Chem. Ind.*, 42 (1923), 869A

Bruhns, G.

Permanganate solutions for volumetric analysis

Chem.-Ztg., 47 (1923), 613; through *J. Soc. Chem. Ind.*, 42 (1923), 869A

Cole, H. I.

Hexamethylenetetramine as a reagent in microscopic analysis

Philippine J. Sci., 22 (1923), 631; through *J. Soc. Chem. Ind.*, 42 (1923), 866A

Cousin, H.

Reduction of salts of bismuth with glucose

J. pharm. et chim., 28 (1923), 179

Hahn, F. L.

Detection of sulphates in the presence of ferric salts

Ber. deutsch. chem. Ges., 56 (1923), 1733

Hevesy, G.

Chemistry of hafnium

Pharm. J., 111 (1923), 325

Kolthoff, I. M.

Colorimetric determination of hydrogen-ion concentration by the method of Michaelis

Pharm. Weekbl., 60 (1923), 949

Riegler, E.

Chromometric determination of iodine in soluble iodides

Bul. Soc. Chim. România, 5 (1923), 3; through *J. Soc. Chem. Ind.*, 42 (1923), 886A

INORGANIC CHEMICALS.

Goerlich

Note on the testing and assay of ammonium carbonate

Pharm. Ztg., 68 (1923), 707

Moerk, Frank X., and Hughes, Edward J.

Assay of mono-sodium phosphate and phosphoric acid

Am. J. Pharm., 95 (1923), 671

Wilkes, S. H.

New method for the analysis of sodium hydro-sulphite

J. Soc. Chem. Ind., 42 (1923), 356T

ORGANIC CHEMICALS.

Anon

Determination of arsenic in organic compounds

Pharm. Zentralh., 64 (1923), 396

Anon

Aliphatic arsenic compounds

Chem. & Drug., 99 (1923), 411

Gautrelet, E.

Monomethyl-o-phosphosalicylic acid

Compt. rend. acad. sci. (June 11, 1923);
through *Chem. & Drug.*, 99 (1923), 443

Jonescu, A., Spirescu, E., and Dopescu, D.

Volumetric determination of acetone

Bul. Soc. Chim. România, 5 (1923), 15;
through *J. Soc. Chem. Ind.*, 42 (1923), 906A

Kremann, R., and Janetzky, E.

The ternary system antipyrine-caffeine-water

Monatsh. f. Chem., 44 (1923), 49; through *J. Soc. Chem. Ind.*, 42 (1923), 966A

Meister, Lucius and Bruning

**Preparation of aminomercuri thiophenolcar-
bonic acids of therapeutic value**

Pharm. Ztg., 68 (1923), 454

Palkin, S.

Method for the determination of tolidine

Ind. & Eng. Chem., 15 (1923), 1045

Remy, E.

Estimation of neoarsphenamine

Biochem. Ztschr., 137 (1923); through *Pharm. Ztg.*, 68 (1923), 707

Rhenania

**Preparation of formaldehyde from methylene
chloride**

Pharm. Ztg., 68 (1923), 454

Rüber, C. N.

Specific gravity of absolute alcohol at 20° C.

Z. Elektrochem., 29 (1923), 334; through *J. Soc. Chem. Ind.*, 42 (1923), 906A

Schwarze, P.

Estimation of alcohol in benzene

Chem.-Ztg., 47 (1923), 462; through *Pharm. J.*, 111 (1923), 336

Sumner, James B.

**Detection of pentose, formaldehyde and
methyl alcohol**

J. Am. Chem. Soc., 45 (1923), 2378

Utkin-Ljubowzoff

Volumetric determination of formic acid

Biochem. Ztschr., 138 (1923), 205; through *J. Soc. Chem. Ind.*, 42 (1923), 867A

CLINICAL AND DIAGNOSTIC
METHODS.

Kaufman, P.

Test for protein in urine

Deutsch. med. Wchnschr., 49 (1923), 190;
through *J. pharm Belg.*, 5 (1923), 602

Margosches, B. M., and Rose, H.

**Determination of urea by means of the hypo-
bromite reaction**

Biochem. Ztschr., 136 (1923); through *Pharm. Ztg.*, 68 (1923), 706

Utz, F.

**Note on the detection of blood in the stomach
contents**

Biochem. Ztschr., No. 22 (1923); through
Pharm. Ztg., 68 (1923), 707

Wins, B.

Detection of bilirubin in urine

Klin. Wchnschr., No. 21 (1923); through
Pharm. Ztg., 68 (1923), 706

THE PROBLEMS OF MAINTAINING PHARMACEUTICAL
RESPECTABILITY.*

BY L. E. SAYRE.

If one would take time to read and re-read Dr. H. V. Army's address on the occasion of his acceptance of the Remington Honor Medal for 1922, which is to be found in the JOURNAL OF THE AMERICAN PHARMACEUTICAL ASSOCIATION, Vol. XI, No. 6, June 1922, with the title "The Place of Pharmacy in the World," he would be impressed with the inherent historic wealth of pharmacy in its contributions to science and would, if endowed with fervor, be inspired to militantly maintain its hard-earned reputation—earned, worthily, in the face of no little opposition and handicap. It is that sort of a feeling that prompts the writer to eye with misgivings the many interferences thrown in the pathway of pharmaceutical progress—barriers often erected by the enemy, but as often permitted to arise by the mental inactivity and indifference of the profession itself. In that sense the problem of maintaining pharmaceutical respectability assumes a real importance, and should enlist sympathetic activity on the part of scholarly pharmacists—

* Section on Practical Pharmacy and Dispensing, A. Ph. A., Asheville meeting, 1923.