

# 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. E. Cor. Lombard and Greene Sts., Baltimore, Md.

## APPARATUS AND MANIPULATIONS.

- Brewis, E. T.  
**Modified Hirschson flask**  
*Per. & Ess. Oil Rec.*, 18 (1927), 460
- Kaiser, H., and Dräxl, L.  
**Microsublimation processes of the German Pharmacopœia 6**  
*Süddeut. Apoth.-Ztg.* (1927), 575; through  
*Pharm. Zentralh.*, 69 (1928), 42
- Kleinknecht  
**Pulverization of plant drugs in the pharmacy**  
*Süddeut. Apoth.-Ztg.*; through *Pharm. Weekbl.*,  
64 (1927), 1285
- Rupp, E.  
**Simple vacuum distillation apparatus**  
*Apoth. Ztg.*, 43 (1928), 14. Illustrated.

## PHARMACOPŒIAS AND FORMULARIES.

- Dott, D. B.  
**Notes on pharmacopœia revision with special reference to tests and alkaloidal solution**  
*Pharm. J.*, 119 (1927), 691
- Schorf, E. J.  
**Notes on pharmacopœial revision**  
*Pharm. J.*, 119 (1927), 689

## PHARMACEUTICAL PREPARATIONS.

- Abraham, A. G., and Rae, J.  
**Blaud's Pills**  
*Pharm. J.*, 119 (1927), 667
- Benguin-Golovine, C.  
**Biochemical researches on the stabilized extracts of Golaz and Siegfried**  
*J. pharm. chim.*, 6 (1927), 545
- Böttger, W.  
**Assay of solution of potassium arsenite and the "fixanal method"**  
*Apoth. Ztg.*, 42 (1927), 1399
- Bruins, A.  
**Tincture of strophanthus and diuretin**  
*Pharm. Tdschr. V. Ned. Indie* (1927), 320;  
through *J. pharm. Belg.*, 10 (1927), 8
- Duncan, William  
**Notes on pharmaceutical preparations**  
*Pharm. J.*, 119 (1927), 694

- Eschenbrenner, H.  
**Fluidextract of ergot of the German Pharmacopœia 6**  
*Pharm. Ztg.*, 73 (1928), 13
- Husa, William J.  
**Quality of compressed tablets particularly as to solubility and ease of disintegration**  
*JOUR. A. PH. A.*, 17 (1928), 38
- Kiesgen  
**Mel and Mel depuratum**  
*Apoth. Ztg.*, 42 (1927), 1425
- Kroeber, Ludwig  
**Extractum Hyperici perforati fluidum**  
*Pharm. Zentralh.*, 68 (1927), 779
- Opienska-Blauthowa, J.  
**Determination of thiocol in syrups**  
*Bull. des trav. de l'Inst. pharmac. de l'Etat polonais*, No. 5 (1927); through *J. pharm. Belg.*, 10 (1927), 43
- Leger, E.  
**Titration of extract of ipecac**  
*J. pharm. chim.*, 6 (1927), 501
- Prybill, A., and Maurer, K.  
**Fluidextract of ergot of the German Pharmacopœia 6**  
*Pharm. Ztg.*, 73 (1928), 46
- Rapp and Lechler  
**Preparation of fluidextract of ergot**  
*Pharm. Ztg.*, 73 (1928), 60
- Zimmermann, Walther  
**Investigation of the adsorption values of surgical dressing materials**  
*Schweiz. Apoth. Ztg.*, 66 (1928), 13

## PHARMACOLOGY AND THERAPEUTICS.

- Anon  
**Trypaflavine in Polyarthrits rheumatica**  
*Münch. med. Wochschr.*, 74 (1927), 1276;  
through *Pharm. J.*, 120 (1928), 35
- Anon  
**Action of ephetonin on blood pressure and blood vessels of the skin**  
*Münch. med. Wochschr.*, 74 (1927), 1317;  
through *Pharm. Zentralh.*, 44 (1928), 44

Dunning, Fitzgerald, and Macht, David I.  
**Azo dyes containing antimony in the treatment of trypanosomiasis**

*J. Pharmacol.*, 32 (1928), 205

Gallup, Willis D.

**Relation of d-gossypol to the toxicity of some cottonseed products**

*Ind. Eng. Chem.*, 20 (1928), 59

Haskell, Chas. C.

**Influence of quinidine on the cardiac irregularity produced by digitalis**

*J. Pharmacol.*, 32 (1928), 223

Hepner, J., and Wagner, Oktavian

**Action of insulin**

*J. Pharm. Soc. Czechoslovakia*, 7 (1927), 252

Keeser, J.

**Pharmacology of germanium compounds**

*Arch. exptl. Pathol.*, 113 (1923), 232; through

*Pharm. J.*, 120 (1928), 55

Marshall, Wilfrid

**Color vision after intravenous injection of santonin**

*J. Pharmacol.*, 32 (1928), 189

Regnier, Jean

**Measure of the anæsthetic activity of local anæsthetics**

*Bull. sci. pharmacol.*, 34 (1927), 641

#### BOTANY AND PHARMACOGNOSY.

Brierger, Richard

**Ergot of rye**

*Pharm. Ztg.*, 73 (1928), 60

Daveau, J.

**Grindelia robusta, Nuttall**

*Bull. sci. pharmacol.*, 34 (1927), 658

Dietzel, Richard, and Pankow, Ulrich

**Method for the estimation of surface increase of foam-forming drugs**

*Apoth. Ztg.*, 43 (1928), 44

Hahmann, C.

**Substitution and adulteration of some bark drugs**

*Apoth. Ztg.*, 42 (1927), 1385

Hahmann, C.

**Substitution and adulteration of root, rhizome and tuberous drugs in recent years**

*Apoth. Ztg.*, 43 (1928), 11

Mathiesen, F. J.

**Strophanthus seed of commerce**

*Pharm. Acta Helv.*, 2 (1927), 12

Muragama, Y., and Takada, J.

**Constitutions of *Phellodendron amurense* Rupr.**

*J. Pharm. Soc. Japan*, No. 550 (1927), 1041

Rosenthaler, L.

**Microchemical detection of mucilage in mucilaginous drugs**

*Pharm. Ztg.*, 72 (1927), 1613

Rosenthaler, L.

**Behavior of agar toward iodine**

*Pharm. Ztg.*, 73 (1928), 77

Swanson, E. F., and Hargreaves, C. C.

**Standardization and stabilization of nuxvomica, gelsemium and veratrum and the hydrogen-ion concentration factor**

*JOUR. A. PH. A.*, 17 (1928), 23

T., and H. Smith, Ltd.

**Notes on the constituents of *Artemisia brevifolia***

*Pharm. J.*, 119 (1928), 688

Wallis, T. E.

***Zamia Floridana* and Florida arrowroot**

*Pharm. J.*, 120 (1928), 50

#### BACTERIOLOGY.

De Wolff, H. H.

**Biochemical properties of diphtheria and psued-diphtheria bacteria**

*Pharm. Weekbl.*, 64 (1927), 1226

Kostytchew, S., et al.

**Biochemical researches on *Azotobacter agile***

*Z. physiol. Chem.*, 154 (1926); 1; through

*J. pharm. chim.*, 7 (1928), 26

Lescurre, André

**Reliability of sterilization by autoclave**

*Bull. sci. pharmacol.*, 34 (1927), 647

#### ALKALOIDS AND GLUCOSIDES.

Asahina, Y., Schinoda, J., and Inubuse, M.

**Constitution of sakuranine**

*J. Pharm. Soc. Japan*, No. 550 (1927), 1007

Black, O. F., and Kelly, J. W.

**Pseudo ephedrine from *Ephedra Alata***

*Am. J. Pharm.*, 99 (1927), 748

Collins, George W.

**Composition of procaine borate**

*J. A. M. A.*, 90 (1928), 25

Degand, Paul.

**Alkaloids of a plant from the Belgian Congo**

*J. pharm. Belg.*, 9 (1927), 861

Duflho, E.

**Comparative study of strychnine and brucine in the official strychnine-containing drugs and preparations**

*Bull. soc. pharm. Bordeaux*, 65 (1927), 222

Ekkert, Lad.

**Contribution to the Pellagris and Vulpius reaction for morphine**

*Pharm. Zentralh.*, 69 (1928), 1

Herissey, H.

**Extraction of asperuloside from *Galium verum* and glucosides of the Rubiaceae**

*J. pharm. chim.* 6 (1927), 497

Herissey, H.

**Determination of the utilization of geoside (gein) by *Aspergillus niger***

*J. pharm. chim.*, 7 (1928), 5

Kondo, H., and Sanada, T.

**Alkaloids of *Stephania japonica*, Miers**

*J. Pharm. Soc. Japan*, 549 (1927), 930

Levine, E., and Magiera, Estelle A.

**Formaldehyde-sulphuric acid reaction of opium alkaloids**

*J. Lab. Clin. Med.*, 12 (1927), 773

Malaquin, Paul

**Malaquin's reaction for the identification of strychnine**

*Bull. sci. pharmacol.*, 34 (1927), 689

Richter, Ernst

**Determination of atropine sulphate in granules**

*Apoth. Ztg.*, 43 (1928), 47

Schulze, K.

**Determination of caffeine in fluidextract of kola**

*Apoth. Ztg.*, 42 (1927), 1563

Smith, S.

**1-Methylephedrine, an alkaloid from *Ephedra* species**

*J. Chem. Soc.* (1927), 2056; through *Pharm. J.*, 120 (1928), 6

#### VOLATILE OILS.

Bennett, C. T., and Salamon, M. S.

**General method for the estimation of aldehydes in essential oils**

*Perf. & Ess. Oil Rec.*, 18 (1927), 551

Domin, Korel

**Amonis caryophyllata Kr. et Urb. and the production of bay rum**

*J. Pharm. Soc. Czechoslovakia*, 7 (1927), 210

Jensen, H. R.

**Esters of lemon and orange oils**

*Perf. & Ess. Oil Rec.*, 18 (1927), 510

May, Percy

**Australian sandalwood oil**

*Chem. and Drug.*, 108 (1928), 42

Parry, Ernest J.

**Medicinal sandalwood oil**

*Chem. and Drug.*, 108 (1928), 81

Perrot, Em.

**Santals of Australia and their essential oils**

*Bull. sci. pharmacol.*, 34 (1927), 609

Testoni, G.

**Oxidizing and autoxidizing power of turpentine oil**

*Ind. saponeira*, 27 (1927), 111; through *J. Soc. Chem. Ind.*, 46 (1927) 956

#### OILS, FATS AND WAXES.

Hartel, F.

**Detection of cocoanut oil in cacao fat**

*Pharm. Zentralh.*, 69 (1928), 37

Karsmark, Karl A.

**Method for the determination of fatty esters in drugs**

*Farm. Revy*, 26 (1927), 681

Wilkie, Arthur L.

**Purification of palmitic and stearic acids**

*J. Soc. Chem. Ind.*, 46 (1927), 471T

#### GENERAL AND PHYSICAL CHEMISTRY.

Hill, J. Rutherford

**Solubilities and standard temperatures**

*Pharm. J.*, 119 (1927), 693

Kolthoff, I. M.

**Use of mixed indicators in acidimetry and alkalimetry**

*Biochem. Z.* (1927), 26; through *J. Pharm. Belg.*, 10 (1928), 24

Roller, Paul S.

**Theory of the end-point in electrometric titration**

*J. Am. Chem. Soc.*, 50 (1928), 1

Schulze, K.

**Determination of specific gravity in the pharmacy laboratory**

*Apoth. Ztg.*, 42 (1927), 1399

#### INORGANIC CHEMICALS.

Baines, Harry

**Detection of traces of soluble bromides**

*J. Soc. Chem. Ind.*, 47 (1928), 11T

Denigès, Georges

**Molybdenyl sulphate as a reagent for phosphoric and arsenic ions**

*Bull. soc. pharm. Bordeaux*, 65 (1927), 206

Germuth, Frederick G.

**Titrometric estimation of trivalent arsenic by oxidation**

*Am. J. Pharm.*, 99 (1927), 751

Heyrovsky, J.

**Electro-reduction of oxygen and its analytical application**

*J. Pharm. Soc. Czechoslovakia*, 7 (1927), 242

Mellon, M. G., and Sevim, F. R.

**Potentiometric titration of boric acid in the presence of certain inorganic salts**

*Ind. Eng. Chem.*, 19 (1927), 1354

Simon, A.

**A reaction of cobalt salts**

*Bull. soc. pharm. Bordeaux*, 65 (1927), 242

(Bibliography concluded on page 204)