

# 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.

- Bollen, W. B.  
**Improved wash bottle**  
*Ind. Eng. Chem.*, 18 (1926), 1290
- Ferrey, G. J. W.  
**The mechanism of solubility**  
*Pharm. J.*, 117 (1926), 611
- Hocking, F. A., and Smith, A. J.  
**Notes on pharmaceutical sterilization**  
*Pharm. J.*, 117 (1926), 703
- Meyer, Th.  
**Container for aspidium rhizomes**  
*Pharm. Ztg.*, 71 (1926), 1462
- Netscher, K. H.  
**A practical eye dropper bottle**  
*Pharm. Ztg.*, 71 (1926), 1462
- Smith, G. F.  
**A modified weight buret**  
*Ind. Eng. Chem.*, 18 (1926), 1216

## PHARMACOPŒIAS AND FORMULARIES.

- Editorial  
**Review of the new Dutch Pharmacopœia**  
*Chem. & Drug.*, 105 (1926), 834
- Rosenthaler, L.  
**Pharmacognostic part of the German Pharmacopœia VI**  
*Pharm. Ztg.*, 71 (1926), 1488
- Schönniger, Wilhelm  
**Yeast and yeast extract in the German Pharmacopœia VI**  
*Pharm. Ztg.*, 71 (1926), 1475
- Seifert, Martin  
**Fluidextracts of the German Pharmacopœia VI**  
*Pharm. Ztg.*, 71 (1926), 1303
- Wiebelitz, H.  
**Notes on the German Pharmacopœia VI**  
*Pharm. Ztg.*, 71 (1926), 1412
- Xrayser III  
**Early formularies**  
*Chem. & Drug.*, 105 (1926), 871

## PHARMACEUTICAL PREPARATIONS.

- Bohrisch  
**Testing of zinc paste**  
*Pharm. Ztg.*, 71 (1926), 1409
- Brause, G.  
**Detection of arsenic in ferrum pulveratum, ferrum reductum and liquor ferri sesquichlorati by the method of the German Pharmacopœia VI**  
*Pharm. Ztg.*, 71 (1926), 1398
- Guyot, R.  
**Inulin in tincture of garlic**  
*L'Union pharm.*, 67 (1926), 289; through  
*Pharm. J.*, 117 (1926), 621
- Peyer, W.  
**Japanese valerian root and its detection in the tincture.**  
*Pharm. Ztg.*, 71 (1926), 1203
- Placeres, Jacinto  
**Contribution to the study of pharmaceutical preparations—lactic enzyme preparations**  
*Rev. facultad cienc. quím.*, 4 (1926), 73; through  
*Chem. Abstr.*, 20 (1926), 3773
- Rapp  
**Fluidextracts**  
*Pharm. Ztg.*, 71 (1926), 1332
- Runge, Paul  
**Linimentum ammoniatum D. A. B. VI**  
*Pharm. Ztg.*, 71 (1926), 1366
- Schuetz, H. A., and Domogalla, B. P.  
**Fatty oils as substitutes for ethyl alcohol in citrus flavors**  
*Ind. Eng. Chem.*, 18 (1926), 1254
- Stich, Conrad  
**Digitalis infusion and a new infusion pot**  
*Pharm. Ztg.*, 71 (1926), 1476

## PHARMACOLOGY AND THERAPEUTICS.

- Anon  
**Fatal case of poisoning by oil of wintergreen**  
*U. S. Naval Med. Bull.*, 24 (1926), 998
- Editorial  
**Physiologic availability of iron**  
*J. A. M. A.*, 87 (1926), 2164

- Ascoli  
**Action of certain alkaloids in the treatment of malaria**  
*Il Policlinico* (1926), 370; through *J. pharm. Belg.*, 8 (1926), 849
- Burn, J. H., and Trevan, J. W.  
**Standard for the biological assay of strophanthus**  
*Pharm. J.*, 117 (1926), 439
- Burn, J. H.  
**Some methods of biological assay**  
*Pharm. J.*, 117 (1926), 576
- Chalier and Grandmaison  
**Hexamethylenetetramine in typhoid**  
*Lancet* (1926), 824; through *Pharm. J.*, 117 (1926), 620
- Churchman, John W.  
**Aniline dyes in the treatment of infection**  
*Ind. Eng. Chem.*, 18 (1926), 1337
- Cloetta, M.  
**Chemical composition of the active principles of digitalis leaves and their therapeutic and pharmacological properties**  
*Arch. exptl. Path. Pharmacol.*, 112 (1926), 261; through *Pharm. J.*, 117 (1926), 444
- Davies, D. T., et al.  
**Specificity of parathyroid hormone**  
*Biochem. J.*, 20 (1926), 695; through *Pharm. J.*, 117 (1926), 620
- Fabre, René  
**Physical and chemical properties of insulin**  
*J. pharm. chim.*, 2 (1926), 173
- Gold, Harry  
**Tolerance to digitalis in experimental diphtheria**  
*J. A. M. A.*, 87 (1926), 2047
- Heymans, Marie  
**Immunitization with ricine and formulated venoms**  
*Arch. intern. Pharmacodynamie*, 32 (1926), 101; through *J. pharm. Belg.*, 8 (1926), 804
- James, A. Allison  
**Codeine not habit forming**  
*Nat. Drug.*, 56 (1926), 497
- Kaufmann  
**Contribution to the theory of laxative action**  
*Pharm. Ztg.*, 71 (1926), 1205
- Kislitschenko, L.  
**Fatal case of pyrogallol poisoning**  
*Med. Klin.*, 35 (1926); through *J. pharm. Belg.*, 8 (1926), 818
- Kochmann, W.  
**Pharmacology of local anesthetics**  
*Deut. med. Wochschr.*, 40 (1926); through *J. pharm. Belg.*, 8 (1926), 900
- Kofler, L.  
**Hemolytic experiments with saponins and saponin drugs**  
*Pharm. Ztg.*, 71 (1926), 1224
- Loevenhart, A. S.  
**Future chemotherapy**  
*Ind. Eng. Chem.*, 18 (1926), 1268
- Marvin, H. M.  
**Value of xanthine diuretics in congestive heart failure**  
*J. A. M. A.*, 87 (1926), 2043
- Neppi, Bice  
**Sterilization and standardization of ophthalmic substances**  
*Boll. chim. farm.*, 65 (1926), 449; through *Chem. Abstr.*, 20 (1926), 3773
- P. F.  
**Histamine and its use**  
*L'Union pharm.* (1926), 292; through *J. pharm. Belg.*, 8 (1926), 833
- Peyer, W.  
**So-called healing earths**  
*Pharm. Ztg.*, 71 (1926), 1203
- Rost, E., and Braun, A.  
**Pharmacology of paraphenetolcarbamide (dulcine)**  
*Arb. Reichsgesundh.*, 57; through *Pharm. Weekblad*, 63 (1926), 1284
- Schwartz, Erich W., and Munch, J. C.  
**So-called habituation to arsenic**  
*J. Pharmacol.*, 28 (1926), 351
- Seidell, Atherton  
**Comparison of the pigeon and the rat methods for the determination of the antinephritic vitamine**  
*Bull. soc. chim. biol.* (1926), 746; through *J. pharm. Belg.*, 8 (1926), 867
- Uhlmann  
**New method for the standardization of digitalis**  
*Pharm. Ztg.*, 71 (1926), 1410
- von Oettingen, W. F., and Sollmann, Torald  
**Action of calomel on the bile**  
*J. A. M. A.*, 87 (1926), 1990

## ANIMAL AND VEGETABLE DRUGS.

- Anon  
**Shortage of strophanthus gratus seeds**  
*Chem. & Drug.*, 105 (1926), 802
- Anon  
**A new kino from Tanganyika**  
*Bull. Imp. Inst.*, 24 (1926), 221; through *Chem. Abstr.*, 20 (1926), 3537
- Anderson, Ernest, and Sands, Lila  
**Composition of mesquite gum**  
*J. Am. Chem. Soc.*, 48 (1926), 3172

Augustin, Bela

**Notes on the culture of some medicinal plants**

*Pharm. Ztg.*, 71 (1926), 1319

Böhmer, W.

**Drug plant culture in Eckerberg during 1923-1925**

*Heil- Gewürz-Pflanzen*, 9 (1926), 53; through

*Chem. Abstr.*, 20 (1926), 3536

Bridel, M., and Charaux, C.

**Composition of the bark of rhamnus frangula, L**

*Bull. soc. chim. biol.*, 8 (1926), 655; through

*Schweiz. Apoth.-Ztg.*, 64 (1926), 571

Graudard, F.

**Experiments in the stabilization of verbasicum flowers**

*Schweiz. Apoth.-Ztg.*, 64 (1926), 577

Goester, L. E.

**Plant mucilages**

*Pharm. Weekblad*, 63 (1926), 1270

Keller, Gebr.

**Notes on the culture of some medicinal plants**

*Pharm. Ztg.*, 71 (1926), 1319

Matthews, Harold E.

**Foxglove cultivation in Canada**

*Pharm. J.*, 117 (1926), 702

Peyer, W.

**Adulteration of galeopsis**

*Pharm. Ztg.*, 71 (1926), 1203

Peyer, W.

**Evaluation of colocynth powder**

*Pharm. Ztg.*, 71 (1926), 1223

Peyer, W.

**Evaluation of salep**

*Pharm. Ztg.*, 71 (1926), 1203

Read, Bernard F.

**Korean ginseng**

*Pharm. J.*, 117 (1926), 671

van Wijngaarden, C. de Lind

**Preservation of digitalis powder**

*Pharm. Ztg.*, 71 (1926), 1411

Xrayser III

**Horehound**

*Chem. & Drug.*, 105 (1926), 833

#### ALKALOIDS AND GLUCOSIDES.

Bouillot, J.

**Strychnine cacodylate**

*J. pharm. chim.*, 4 (1926), 145

Dafert, O.

**Contribution to the knowledge of saponins**

*Pharm. Ztg.*, 71 (1926), 1224

Dafert, O., and Vleck, Herma

**Determination of alkaloids of cinchona bark**

*Pharm. Ztg.*, 71 (1926), 1408

Hollman, E. C. M. T.

**Quantitative estimation of morphine in opium**

*Pharm. Weekblad*, 62 (1926), 1337

Holmes, E. M.

**Botanical source of ephedrine and pseudo-ephedrine**

*Pharm. J.*, 117 (1926), 643

Kuntz, Janos

**Alkaloidal content of datura stramonium**

*Heil- Gewürz-Pflanzen*, 9 (1926), 51; through

*Chem. Abstr.*, 20 (1926), 3536

Leclerc, E.

**Comparison of the results of assay of different cinchona preparations**

*J. pharm. chim.*, 4 (1926), 156

Mannich, C.

**Synthesis of papaverine**

*Pharm. Ztg.*, 71 (1926), 1204

Michiels, L., and Denis, P.

**Presence of caffeine in the paullinias**

*J. pharm. Belg.*, 8 (1926), 795

Ramond-Hamet

**Transformation of ergotinine into ergotoxine in lactic acid solution**

*Bull. soc. chim. biol.* (1926), 764; through

*J. pharm. Belg.*, 8 (1926), 817

Peyer, W., and Diepenbrock, Felix

**Comparative studies on alkaloidal assays of pharmaceutical preparations**

*Pharm. Ztg.*, 71 (1926), 1410

Rosenmund, K. W.

**Synthesis in the isoquinoline group**

*Pharm. Ztg.*, 71 (1926), 1204

#### ESSENTIAL OILS.

Anselmino, O., *et al.*

**Oriental styrax**

*Arb. Leichsgesundh.*, 57 (1926), 162; through

*Chem. Abstr.*, 20 (1926), 3773

Bennett, C. T.

**Inferior balsam tolu**

*Chem. & Drug.*, 105 (1926), 841

Bobiloff, W.

**Citronella oil from Java**

*Parfums de France*, 4 (1926), 246; through

*Chem. Abstr.*, 20 (1926), 3537

Établissements, A. Chiris

**Control of citronella oil**

*Parfums de France*, 4 (1926), 261; through

*Chem. Abstr.*, 20 (1926), 3538

Grotlisch, V. E.

**Report on the determination of mineral oil in oil of turpentine**

*J. Assoc. Official Agr. Chem.*, 9 (1926), 473

Huerre, R.

**Assay of cade oil**

*J. pharm. chim.*, 4 (1926), 65

Massy, R.

**Polarimetric examination of cade oil**

*J. pharm. chim.*, 4 (1926), 61

Penfold, A. R.

**Essential oils of some cultivated eucalypts**

*J. Proc. Roy. Soc., N. S. Wales*, 60 (1926), 55;

through *Chem. Abstr.*, 20 (1926), 55; through

*Chem. Abstr.*, 20 (1926), 3772

Radcliffe, L. G., and Chadderton, E.

**Geraniol and its quantitative determination**

*Perf. & Ess. Oil Rec.*, 17 (1926), 254

Rutovskii, B. N., and Tzyurikh, L. G.

**Fennel oil**

*Trans. Sci. Chem. Pharm. Inst. (Moscow)*, 10

(1924), 69; through *Chem. Abstr.*, 20 (1926),

3773

Timofeev, I. P.

**Seasonal variations in the cineole content of eucalyptus oils**

*Trans. Sci. Chem. Pharm. Inst. (Moscow)*, 10

(1924), 99; through *Chem. Abstr.*, 20 (1926),

3774

Xrayser III.

**Balsam of copaiba**

*Chem. & Drug.*, 105 (1926), 769

OILS, FATS AND WAXES.

Marcan

**Hydnocarpus illicifolia oil**

*J. Soc. Chem. Ind.*, 45 (1926), 305T; through

*Chem. Abstr.*, 20 (1926), 3536

Mitchell, Lloyd C.

**Iodine number of paprika oil**

*J. Assoc. Official Agr. Chem.*, 9 (1926), 477

Peacock, P. A.

**Effect of light on cod liver oil**

*Lancet* (Aug. 14, 1926); through *J. pharm.*

*Belg.*, 8 (1926), 867

Schuetz, H. A., and Smith, Maybelle P.

**Determination of acid numbers using isopropanol in place of ethanol**

*Ind. Eng. Chem.*, 18 (1926), 1242

Valentin, H.

**Preparation and assay of oleum hyoscyami**

*Pharm. Ztg.*, 71 (1926), 1409

Van Den Driessen Mareeuw, W. P. H.

**Quantitative estimation of phosphorus in oils**

*Pharm. Weekblad*, 63 (1926), 1309

GENERAL CHEMISTRY.

Stohmann, A.

**Capillary analysis in pharmacy**

*Pharm. Ztg.*, 71 (1926), 1190

INORGANIC CHEMICALS.

Arnal, T. Gaspary

**Sensitive reagent for potassium and ammonium ions**

*Anales soc. española fis. quim.*, 24 (1926), 99;

through *Schweiz. Apoth.-Ztg.*, 64 (1926),

554

Kilpatrick, M. L., et al.

**Preparation of hydrogen peroxide**

*J. Am. Chem. Soc.*, 48 (1926), 3019

Otto, Carl

**Separation of magnesium from the alkali metals**

*J. Am. Chem. Soc.*, 48 (1926), 3016

Richard, F.

**Presence of barium chloride in official calcium chloride**

*J. pharm. chim.*, 4 (1926), 49

Richard, F.

**Solubility of mercuric chloride in ether**

*J. pharm. chim.*, 2 (1926), 306

ORGANIC CHEMICALS.

Bauer, Rudolf

**Detection of methyl alcohol with potassium guaiacol-sulphonate**

*Pharm. Ztg.*, 71 (1926), 1548

Berg, R.

**Evaluation of chinisol preparations**

*Pharm. Ztg.*, 71 (1926), 1542

Berry, E. H.

**Report on method for determining copper and zinc in gelatin**

*J. Assoc. Official Agr. Chem.*, 9 (1926), 458

Brauer, Kurt

**Typical reaction of phenols**

*Pharm. Ztg.*, 71 (1926), 1445

Feirer, Wm. A., and Leonard, Veader

**Stability of hexylresorcinol**

*J. Pharmacol. & Exp. Therap.*, 28 (1926), 395

François, M., and Lormand, C.

**Micrographic detection of tartaric acid in official preparations**

*J. pharm. chim.*, 4 (1926), 54

Genot, Clement

**Tests for the identification of adalin**

*J. pharm. Belg.*, 8 (1926), 861

Guglielminetti, Silvio

**New color reaction of mercuric salicylates and other substances**

*Giorn. farm. chim.*, 75 (1926), 169; through

*Chem. Abstr.*, 20 (1926), 3773

Haley, Jerry M.

**Detection of alcohol adulterants**

*Ind. Eng. Chem.*, 18 (1926), 1312

Hill, Arthur J., and Cox, Mildred V.

**Some amidines of the holocaine type**

*J. Am. Chem. Soc.*, 48 (1926), 3124

Klipstein, Kenneth H.

**Development of synthetic anthraquinone**

*Ind. Eng. Chem.*, 18 (1926), 1327

Kolthoff, I. M.

**Action of Denigès reagent on citric acid**

*Pharm. Weekblad*, 63 (1926), 1322

Levy, P.

**Present status of the chemistry of coniferous resin acids**

*Pharm. Ztg.*, 71 (1926), 1225

Mannich, C.

**Albumose silver of commerce**

*Pharm. Ztg.*, 71 (1926), 1225

Richard, F.

**Variations in concentration of pure sulphuric acid and necessity of using acid density 1.84 in the sulphuric acid test for vaselines**

*J. pharm. chim.*, 4 (1926), 11

Richardson, D. H.

**Commercial production of phenacetin**

*Chem. & Drug.*, 105 (1926), 773

Volwiler, Ernest H.

**Medicinals and dyes**

*Ind. Eng. Chem.*, 18 (1926), 1336

von Mikó, Julius

**Remarks on the examination of antipyrine caffeine citrate**

*Schweiz. Apoth.-Ztg.*, 64 (1926), 209

Wagenaar, M.

**Action of Denigès reagent on citric acid**

*Pharm. Weekblad*, 63 (1926), 1293

Wales, H.

**Note on the diethylphthalate test**

*J. Assoc. Official Agr. Chem.*, 9 (1926), 476

Zimmermann, Walter

**Warning re adulterated sodium diethylbarbiturate**

*Pharm. Ztg.*, 71 (1926), 1303

#### CLINICAL AND DIAGNOSTIC METHODS.

Engfeldt, N. O.

**Sodium nitroprussiate in the detection and estimation of total acetone in urine**

*Biochem. Ztg.*, 159 (1925), 257; through *J. pharm. Belg.*, 8 (1926), 803

### AN INTERESTING CASE.<sup>1</sup>

BY LYMAN F. KEBLER.

Some twenty years ago I was drafted into work of the Post Office Department. During this time I have taken part in many interesting cases and gained much valuable information. The work has many angles. It is exceedingly fascinating in many ways. The public generally knows little about it. The druggists are not much better informed. Some manufacturers are acquainted with certain phases. Drug journals have given it little attention. Some advertising agencies are well informed on the subject and others tell their clients that they know all about it. In view of the above it is believed desirable to make public more of our doings for the benefit of the honorable mail order business and the enlightenment of the public.

It is quite common for various parties using the mails for the conduct of their business, when called on to explain certain features, to profess profound ignorance of wrong doing or of violating any law. Others feel aggrieved because there are no provisions which will enable them to get governmental information in advance as to whether or not a venture is legal before engaging therein. They want a sort of board that will tell them just how far to go and be safe.

Some say "we guarantee all of our transactions." Others assert that they have an abundance of testimonials to justify every claim and representation they make. There are still others who tell us that they do not claim to effect the various

<sup>1</sup> Presented before the Section on Education and Legislation at the Philadelphia A. Ph. A. meeting, 1926.