

# BIBLIOGRAPHY OF PHARMACEUTICAL RESEARCH

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

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## APPARATUS AND MANIPULATIONS.

- Bodendorf, Kurt  
**The normal solutions of the German Pharmacopœia VI**  
*Apoth. Ztg.*, 44 (1929), 1372
- Cocking, T. Tusting  
**Arsenous iodide and its solutions**  
*Quart. J. Pharm. Pharmacol.*, 2 (1929), 409
- Csipke, Z.  
**Chemical assay of oleoresin of aspidium**  
*Ber. Ungar. Pharm. Ges.* (1929), 457; through  
*Pharm. Weekbl.*, 66 (1929), 1030
- Eschenbrenner, H.  
**Blaud's Pills**  
*Pharm. Ztg.*, 74 (1929), 1368
- Kroeber, Ludwig  
**Fluidextract of Calendula**  
*Pharm. Zentralh.*, 70 (1929), 728
- Rae, J.  
**Loss of ammonia during preparation and storage of Tinctura Quininæ Ammoniata**  
*Pharm. J.*, 123 (1929), 310
- Schoorl, N.  
**Spirit of camphor**  
*Pharm. Weekbl.*, 66 (1929), 977
- Schousen, Chr.  
**Fluidextract of frangula**  
*Dansk Tids. Farm.* (1929), No. 8; through *J. pharm. Belg.*, 11 (1929), 759
- Tellera, Giacomo  
**Stabilization of hydrogen dioxide solution with nipagin, the methyl ester of *p*-oxybenzoic acid**  
*Boll. chim.-farm.*, 67 (1928), 577; through  
*Pharm. Zentralh.*, 70 (1929), 727
- Walmsley, J. R.  
**Total solids of tinctures and their limitations as analytical factors**  
*Pharm. J.*, 123 (1929), 459
- Wokes, Frank  
**Stability of extracts of ergot**  
*Quart. J. Pharm. Pharmacol.*, 2 (1929), 384

## PHARMACOLOGY, TOXICOLOGY AND THERAPEUTICS.

- Barba-Gosè, J.  
**Toxicity of different commercial samples of tetraiodo-phenolphthalein sodium**  
*Quart. J. Pharm. Pharmacol.*, 2 (1929), 396
- Burn, J. H., and Grewal, K. G.  
**Strength of tinctures of strophanthus B. P.**  
*Quart. J. Pharm. Pharmacol.*, 2 (1929), 404
- Csèpai, Karl, and Förstner, Béla  
**Clinical method for standardizing insulin preparations**  
*Endokrinologie*, 3 (1929), 412; through *Chem. Abstr.*, 23 (1929), 5272
- Cloetta, Max  
**Biochemical action of digitalis**  
*J. A. M. A.*, 93 (1929), 1462
- Culhane, Kathleen, *et al.*  
**Physiological assay of insulin**  
*Biochem. J.*, 23 (1929), 384; through *Chem. Abstr.*, 23 (1929), 5272
- Franklin, K. J.  
**Pharmacology of some compounds allied to strychnine**  
*Quart. J. Pharm. Pharmacol.*, 2 (1929), 382
- Fuehner, H.  
**Posology of strophanthin**  
*Deut. med. Wochnschr.*, 55 (1929), 1408; through *Pharm. J.*, 123 (1929), 465
- Hamet, Raymond  
**Pharmacological properties of the alkaloid of *Banisteria Caapi***  
*Compt. rend.*, 188 (1929), 1519; through  
*Chem. Abstr.*, 23 (1929), 5241
- Irons, E. E.  
**Clinical evaluation of drugs**  
*J. A. M. A.*, 93 (1929), 1523
- Leake, Chauncey D.  
**Pharmacologic evaluation of new drugs**  
*J. A. M. A.*, 93 (1929), 1632
- Nickel, Allen C.  
**Tetraiodophenolphthalein as an antiseptic and germicide of the biliary tract**  
*J. Pharmacol. & Exper. Therap.*, 37 (1929), 359

Rowe, L. W.

**Digitalis assay standards**

JOUR. A. PH. A., 18 (1929), 1138

Shaw, Wilfred

**Observations on the therapeutic value of the oestrus-producing hormone of the ovary**

Quart. J. Pharm. Pharmacol., 2 (1929), 373

Swanson, Edward E.

**Standardization and stabilization of ergot preparations**

JOUR. A. PH. A., 18 (1929), 1127

Thompson, Marvin R.

**Pharmacology of ergot**

JOUR. A. PH. A., 18 (1929), 1106

Truffi, G.

**Depilatory action of thallium acetate**

Boll. Soc. ital. Biol. Sper., 3 (1928), 433;

through Chem. Abstr., 23 (1929), 2491

ANIMAL AND VEGETABLE DRUGS.

Amelink, F.

**Microchemical identification of Flores Cinæ**

Pharm. Weekbl., 66 (1929), 1025

Bourcet, P., and Fourton, A.

**The tannin of purple digitalis**

Bull. soc. chim., 45 (1929), 776; through

J. Soc. Chem. Ind., 48 (1929), 957

Breyer-Brandwijk, Maria G.

**Chemistry of the leaves of Solanum Pseudo-capsicum**

Bull. sci. pharmacol., 36 (1929), 541

Casparis, P.

**Constituents of fresh cola nuts**

Pharm. Acta Helv., 4 (1929), 181

Chatterji, D. N., and Roy, M. B.

**Valuation of Charas**

Indian Med. Gaz., 64 (1929), 273; through

Quart. J. Pharm. Pharmacol., 2 (1929), 419

Giammona, A.

**The sugars in glycyrrhiza root**

Ann. chim. applicata, 19 (1929), 110; through

Quart. J. Pharm., 2 (1929), 334

Gaudard, F.

**Silicic acid content of some medicinal plants**

Pharm. Acta Helv., 4 (1929), 157

Goester, L. E.

**India gum**

Pharm. Weekbl., 66 (1929), 1041

Groenhoff, G.

**Influence of light on dried pepsin**

Pharm. Weekbl., 66 (1929), 986

Janot, Maruice-Marie, and Favre, Charles

**Application of iodobismuthic reagent to the assay of conium preparations**

Bull. sci. pharmacol., 36 (1929), 529

Junkmann, Karl, and Wiechowski, W.

**Active principle of chamomile flowers**

Arch. exptl. Path. Pharmacol., 144 (1929), 1;

through Chem. Abstr., 23 (1929), 5237

Kariyone, T., et al.

**Constituents of Prunus Persica**

J. Pharm. Soc. Japan, No. 572 (1929), 937

Legrand, Pierre

**Comparative study of the assay methods of the various pharmacopœias for pepsin**

J. pharm. chim., 10 (1929), 385

Perrot, Em., and François, M.-Th.

**African species of chaalmoogra**

Bull. sci. pharmacol., 36 (1929), 551

Peyer, W., and Rosenthal K.

**Jalap and Scammony and their resins and glucosides**

Apoth. Ztg., 44 (1929), 1329

Peyer, W.

**Guaiaicum resin**

Süddeut. Apoth.-Ztg., 69 (1929), 67; through

Pharm. J., 123 (1929), 397

Rusby, H. H.

**Authentication of materials used in research**

Pharm. J., 123 (1929), 312

Svensson, Sven E.

**The rhizome of Acorus gramineus Soland**

Farm. Revy., 28 (1929), 553

Taylor, T. C., and Walton, R. P.

**Characterization of certain starches and their amyloses**

J. Am. Chem. Soc., 51 (1929), 3431

ALKALOIDS AND GLUCOSIDES.

Arreguine, V., and Amadeo, F.

**Lead tetrachloride as a reagent for alkaloids**

Semana méd., 36 (1929), 645; through Chem.

Abstr., 23 (1929), 5272

Fulton, Charles C.

**Aldehyde-oxidation reactions for phenols, particularly the opium alkaloids**

J. A. O. A. C., 12 (1929), 434

Lillig, R., and Kreitmair, H.

**New isomer of yohimbine**

Merk's Jahresb. (1928), 20; through J. pharm.

Belg., 11 (1929), 758

Lortz, E.

**Phloroglucotannoide containing drugs and the red color produced by acids**

Apoth. Ztg., 44 (1929), 1342

Marañon, J. M.

**Alkaloid of Artabotrys suaveolens**

Philippine J. Sci., 38 (1929), 259; through

Quart. J. Pharm. Pharmacol., 2 (1929), 411

Paget, Marcel  
**Surrenine (epinephrine) and the French Pharmacopœia**

*J. pharm. chim.*, 10 (1929), 344

v. Miko, Julius

**Macro and microestimation of caffeine in drugs**

*Pharm. Monatsch.* (1929), No. 7; through *J.*

*pharm. Belg.*, 11 (1929), 720

Windaus and Haack

**Formula of digitaline**

*Ber.*, 62 (1929), 475; through *J. pharm. chim.*,

10 (1929), 368

Zechner, Ludwig

**Method for the quantitative determination of arbutin**

*Pharm. Monatsch.*, 10 (1929), 194

#### ESSENTIAL OILS.

Aitken, H. A. A.

**Essential oils of *Podocarpus totara* and *P. dactrydiodes***

*J. Soc. Chem. Ind.*, 48 (1929), 344 T

Massy, R.

**Essential and pyroligneous oils of *Cedrus atlantica***

*Bull. Inst. Pin.* (1929), No. 30-31; through

*J. Soc. Chem. Ind.*, 48 (1929), 910

Takens, E.

**Phenol ether in fennel and star anise oils**

*Riechstoffind.*, 4 (1929), 8; through *J. Soc.*

*Chem. Ind.*, 48 (1929), 910

#### GENERAL AND PHYSICAL CHEMISTRY.

Berg, Richard

**Analytical use of ortho-oxyquinoline**

*Pharm. Ztg.*, 74 (1929), 1364

Kögan, Gregor

**Preparation of litmus paper**

*Pharm. Zentralh.*, 70 (1929), 725

Köszegi, D.

**New volumetric method for the determination of sulphates**

*Zeit. anal. Chem.*, 77 (1929), No. 5-6; through

*Quart. J. Pharm. Pharmacol.*, 2 (1929), 433

Rosenthaler, L.

**Economical drug testing**

*Pharm. Ztg.*, 74 (1929), 1351, 1379, 1415, 1432

#### INORGANIC CHEMICALS.

Korenman, I. M.

**Microchemical reactions of the salts of some heavy metals**

*Pharm. Zentralh.*, 70 (1929), 693

Stephenson, J. E., and Bridge, S. W.

**Action of air on flowers of sulphur and ground sulphur**

*Analyst* (Oct. 1929), 590; through *Pharm. J.*, 123 (1929), 465

#### ORGANIC CHEMICALS.

Anon.

**Characters and tests for lactose in the New Roumanian Pharmacopœia**

*Pharm. Monatsch.*, 10 (1929), 140; through

*Quart. J. Pharm. Pharmacol.*, 2 (1929), 462

Anon.

**Determination of antipyrine in antineuralgic preparations**

*Prog. terap. Sez. farm.*, 18 (1929), 12; through

*Chem. Abstr.*, 23 (1929), 5542

Anon.

**Characters and tests for solution of nitroglycerin in the New Roumanian Pharmacopœia**

*Pharm. Monatsch.*, 10 (1929), 140; through

*Quart. J. Pharm. Pharmacol.*, 2 (1929), 463

Anon.

Christensen, E. V.

**Analysis of barbituric acid derivatives**

*Arch. Pharm. Chemi.*, 86 (1929), 216; through

*Quart. J. Pharm. Pharmacol.*, 2 (1929), 415

Dyson, G. Malcolm

**Recent advances in the chemistry of the aldehydes**

*Perf. & Ess. Oil Rec.*, 20 (1929), 435

Fleury, Paul, and Marque, Jean

**Comparison of the action of alkaline iodomercurate solutions on  $\alpha$ - and  $\beta$ -glycerophosphates**

*J. pharm. chim.*, 10 (1929), 401

Glass, H. B., and Reid, E. E.

**Direct introduction of sulphur into aromatic hydrocarbons**

*J. Am. Chem. Soc.*, 51 (1929), 3428

Rimattei, F.

**Assay of dilute aqueous solutions of argyrol by photographic nephelometry**

*J. pharm. chim.*, 10 (1929), 349

Sickman, Darrell V., and Fischelis, R. P.

**Methoxyl content as a criterion of the composition of medicinal creosote**

*JOUR. A. PH. A.*, 18 (1929), 1145

Smith, Ralph B., *et al.*

**$pH$  studies of neoarsphenamine**

*JOUR. A. PH. A.*, 18 (1929), 1142

Vorländer, D.

**Dimethylhydroresorcinol as a reagent for aldehydes**

*Z. angew. Chem.*, 42 (1929), 46; through

*Pharm. Zentralh.*, 70 (1929), 695

Vorländer and Guthke, F. W.

Action of alkalis on chloroform

*Ber.*, 62 (1929), 549; through *J. pharm. chim.*, 10 (1929), 368

Wirth, E. H., and Dorjahn, J. A.

Phytochemical tests as pharmacopœial identity tests

*Am. J. Pharm.*, 101 (1929), 638

## CLINICAL TESTS.

Stich, C.

Colorimetric detection of acetone in urine

*Pharm. Zentralh.*, 70 (1929), 681

Tixier, L.

Estimation of urobilin in urine

*Bull. sci. pharmacol.*, 36 (1929), 555

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 PHYSICIANS' PRESCRIPTIONS IN RELATION TO THE U. S. P. AND N. F. PREPARATIONS.\*

BY P. J. KOLB.

Pharmacists should realize that in the United States Pharmacopœia and the National Formulary there are a number of formulas which physicians would gladly make use of, if they were consistently featured to them, and every pharmacist should endeavor to place the formulas and the finished preparations at the disposal of his own circle of physicians. Some of these formulas may be classified as vehicles, others as active remedies. As a rule, vehicles are calculated to make the administering of active drugs more palatable; among those, the following are quite satisfactory.

Compound Elixir of Almond  
Elixir of Anise  
Compound Elixir of Cardamom

Aqueous Elixir of Glycyrrhiza  
Compound Elixir of Pepsin

There are a number of others, but these are good vehicles; Syrup of Wild Cherry, also, when prepared according to the official formula is always popular. Among the active remedies the following deserve more consideration:

Elixir Terpin Hydrate  
Compound Elixir of Terpin Hydrate  
and Creosote  
Elixir of Three Bromides  
Elixir of Five Bromides

Compound Cathartic Elixir  
Compound Elixir of Euphorbia  
Elixir of Iron, Quinine and Strychnine  
Glycerinated Elixir of Gentian  
Solution of Peptonized Iron and Manganese

The writer has had experience with various physicians featuring Compound Mixture of Chloral and Potassium Bromide; Compound Mixture of Glycyrrhiza; Compound Mixture of Rhubarb; Expectorant Mixture, known as Stokes Expectorant. This last formula was especially effective when recently prepared.

Compound Mixture of Glycyrrhiza is frequently prescribed with Sodium Iodide or Salicylate, and quite a number of physicians have replaced other formulas by these, with very satisfactory therapeutic effects. Physicians have told us that they had not before realized how satisfactory these preparations were.

Being your own detail man presents many advantages, and proves to the medical profession that the National Formulary is a reliable standard. In these days of strenuous merchandising the Prescription Department can show a far better profit if the pharmaceutical skill of the pharmacist is utilized in interesting

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\* Section on Practical Pharmacy and Dispensing, A. Ph. A., Rapid City meeting, 1929.