

# BIBLIOGRAPHY OF PHARMACEUTICAL RESEARCH

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

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## APPARATUS AND MANIPULATIONS.

Battray, D. S.

**An automatic continuous percolator**

*Chem. & Drug.*, 105 (1926), 258

Wolfram, H. W.

**A combined distillation and reflux condenser**

*Chem.-Ztg.*, No. 64 (1926); through *Pharm. Zentralhalle*, 67 (1926), 477

## PHARMACEUTICAL PREPARATIONS.

Hintzelmann, W., and Joachimoglu, G.

**Keeping properties of aqueous digitalis extract**

*Arch. exptl. Path. Pharmacol.*, 112 (1926), 56; through *J. Soc. Chem. Ind.*, 45 (1926), 607  
Tomicek, O.

**Determination of mercury in Unguentum Hydrargyri**

*Casopis Československého Lékárnictva*, 4 (1924), 59; through *Chem. Abstr.*, 20 (1926), 2559

Trease, G. E., and Tingey, H.

**Use of carbon tetrachloride in pharmacy**

*Chem. & Drug.*, 105 (1926), 257

Wratschko, F.

**Alcohol content of tinctures**

*Pharm. Presse*, 31 (1926), 147; through *Chem. Abstr.*, 20 (1926), 2388

## PHARMACOLOGY AND THERAPEUTICS.

Bigwood, E. J.

**Limits of the  $p_H$  concentration of normal blood**

*Bull. soc. chim. biol.*, 7 (1925), 868; through *Bull. sci. pharmacol.*, 33 (1926), 482

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**Regulation of blood  $p_H$  in normal and pathological conditions**

*Bull. soc. chim. biol.*, 7 (1925), 884; through *Bull. sci. pharmacol.*, 33 (1926), 483

Blanchard, B. L., and Simonnet, H.

**Insulin. II. The testing of insulin preparations**

*Bull. sci. pharmacol.*, 33 (1926), 417

Chopra, R. N., and De. P.

**Variation in the potency of digitalis preparations in the tropics. II.**

*Indian Med. Gaz.*, 61 (1926), 212; through *Chem. Abstr.*, 20 (1926), 2560

D'Haemens

**Localization of arsenic after intravenous injections**

*Arch. Intern. pharm.*, 30 (1925), 291; through *Bull. sci. pharmacol.*, 33 (1926), 488

Evers, N.

**Deterioration of drugs in the pharmacy**

*Chem. & Drug.*, 104 (1926), 233

Fabre, R., and Fredet, P.

**Contribution to the study of the localization and elimination of some barbituric derivatives**

*Bull. soc. chim. biol.*, 7 (1925), 1071; through *Bull. sci. pharmacol.*, 33 (1926), 484

Freedman, L., and Sherndal, A. E.

**A new color test for differentiating neoparsphenamine from sulpharsphenamine**

*Proc. Soc. Exptl. Biol. Med.*, 22 (1925), 287; through *Chem. Abstr.*, 20 (1926), 1885

Funk, C.

**The isolation of insulin**

*Science*, 63 (1926), 401; through *Chem. Abstr.*, 20 (1926), 2048

Heyl, F. W., and Fullerton, B.

**Chemical examination of ovarian residue.**

II. Alcohol insoluble, water soluble, nitrogenous extractives

*Jour. A. Ph. A.*, 15 (1926), 549

Lynn, E. V., and Gaston, D.

**The relaxing action of some aromatic esters**

*Jour. A. Ph. A.*, 15 (1926), 560

Neuschosz, S. M.

**The action of novocain on striated muscle**

*Pflüger's Arch. f. d-ges. Physiol.*, 207 (1925), 58; through *Bull. sci. pharmacol.*, 33 (1926), 489

Raymond-Hamet

**New method of physiological titration of ergot preparations**

*Compt. rend.*, 182 (1926), 1046; through *Chem. Abstr.*, 20 (1926), 2560

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**Destruction of vitamine A in milk by ultra-  
violet light**

*Ind. Eng. Chem.*, 18 (1926), 843

Vallery, L.

**A biological transformation product of hydro-  
lyzed urinary albumin and its consequences  
from the point of view of its detection and  
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Wunschendorf, H.

**Precipitation of proteins in body fluids by  
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*Bull. soc. chim. biol.*, 7 (1925), 768; through

*Bull. sci. pharmacol.*, 33 (1926), 484

#### GENERAL BOTANY AND BACTERIOLOGY.

Ballard, C. W.

**Structural variations in erythroxylin leaves**

*JOUR. A. PH. A.*, 15 (1926), 531

Carpenter, P. D., and Gathercoal, E. N.

**Mercurochrome as a histological stain**

*JOUR. A. PH. A.*, 15 (1926), 529

Joël, E.

**Is the cultivation of Indian hemp in Germany  
necessary?**

*Klin. Wochschr.*, 5 (1926), 364; through

*Schweiz. Apoth.-Ztg.*, 64 (1926), 214

Short, G. R. A.

**A comparative study of *Berberis aristata* DC.  
and other species of *Berberis***

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#### ALKALOIDS AND GLUCOSIDES.

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**Polydatoside, a new glucoside of *Polygonum  
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*Pharm. Acta Helv.*, 1 (1926), 122

Bennett, C. T., and Garrett, D. C.

**Determination of morphine in poppy extracts**

*Chem. & Drug.*, 105 (1926), 235

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**Decomposition of atropine sulphate**

*Arch. Pharm.*, 2 (566)

Bridel, M., and Charaux, C.

**Biochemical estimation of vegetable glucosides  
hydrolyzable by means of rhamnodiastase**

*Pharm. Acta Helv.*, 1 (1926), 107

Caines, C. M., and Evers, N.

**Comparison of the methods of assay of bella-  
donna leaves**

*Chem. & Drug.*, 105 (1926), 237

Cattelain, E.

**Colchicine, the alkaloid of *Colchicum au-  
tumnale* L., its extraction, properties and  
constitution**

*J. pharm. chim.*, 3 (1926), 162; through *Chem.*

*Abstr.*, 20 (1926), 2561

Clark, R. H., and Offord, H. R.

**Alkaloidal content of British Columbian *Da-  
tura stramonium* and *Conium maculatum***

*Trans. Roy. Soc. Can., Sec.*, [3B], 20 (1926),

153; through *Chem. Abstr.*, 20 (1926), 2388

Cornwell, C. W., and Jones, A. J.

**The assay of extract of aconite**

*Chem. & Drug.*, 105 (1926), 238

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**Benzylmorphine tartrate**

*Pharm. J.*, 116 (1926), 356; through *Chem.*

*Abstr.*, 20 (1926), 2563

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*Drug. Circ.*, 70 (1926), 512

Kondo, H., and Nakazato, T.

**Studies on the constitution of trilobine**

*J. Pharm. Soc. Japan*, 532 (1926), 465

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**Studies on homotrilobine**

*J. Pharm. Soc. Japan*, 532 (1926), 461

Kondo, H., and Ochiai

**Studies on the constitution of matrine. VI**

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Kuntz, J.

**Variation of the alkaloid content of *Solanaceæ***

*Matematik. Termesztudományi Ertésítő*, 40

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**Dissociation and volumetric estimation of the  
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*Heil-u-Gewürzflanzen.*, (1924); through *Chem.*

*Abstr.*, 20 (1926), 2046

Ohta, K.

**A study of the alkaloids of *Cocculus diversi-  
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*Kitasato Arch. Exptl. Med.*, 6 (1925), 283;

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**Wasicky reaction and its utilization in the identification of alkaloids**

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**The rotation of quinine and its salts**

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Shinoda, J.

**Synthesis of corytuberine**

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**Citarin as a quantitative reagent for alkaloids**

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**The choice of indicators for alkaloidal titrations**

*Ind. Eng. Chem.*, 18 (1926), 390

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**The constants of flax wax**

*Chem. & Drug.*, 105 (1926), 261

Schmid, V.

**On the estimation of the decomposition of fats and fatty oils**

*Farm. Revy* (1926), 197; through *Schweiz. Apoth. Ztg.*, 64 (1926), 294

#### ESSENTIAL OILS.

Anon

**Caraway**

*Perf. & Ess. Oil Rec.*, 17 (1926), 297

Anon

**Citronella**

*Perf. & Ess. Oil Rec.*, 17 (1926), 307

Anon

**Essential oils of the Netherlands and Netherlands East Indies**

*Perf. & Ess. Oil Rec.*, 17 (1926), 291

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**Japan's camphor problem**

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**Oil of jasmine**

*Deut. Parfüm.-Ztg.*, 7 (1925) 140; through *Chem. Abstr.*, 20 (1926), 2560

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**Manufacture of oil of roses**

*Parfums de France*, 4 (1926), 139; through *Chem. Abstr.*, 20 (1926), 2560

Bruno, F.

**New variety of mint**

*Riv. ital. essenze*, 7 (1925), 67; through *Chem. Abstr.*, 20 (1926), 1887

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**Oil of "Ahibalala"**

*Parfums de France*, 20 (1926), 2048

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**Apropos of the assay of oil of cade**

*J. pharm. chim.*, 2 (1926), 65

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**Polarimetric examination of oil of cade**

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

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**The essential oil of *Laurus nobilis***

*Ann. chim. applicata*, 16 (1926), 21; through *Chem. Abstr.*, 20 (1926), 1886

Paerels, J. J.

**Some ethereal oils from the Dutch Indies**

*Cultura*, 34 (1922), 257; through *Chem. Abstr.*, 20 (1926), 2047

Parry, E. J.

**Adulteration of lime oil**

*Parfum. moderne*, 19 (1926), 97; through *Chem. Abstr.*, 20 (1926), 2388

Penfold, A. R.

**Essential oil of *Boeckea gunniana* var. *Latifolia***

*Perf. & Ess. Oil Rec.*, 17 (1926), 269

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

**Geraniol and its quantitative determination**

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

Russell, G. A.

**Production of oil of peppermint**

*Jour. A. Ph. A.*, 15 (1926), 566

#### MISCELLANEOUS PLANT CONSTITUENTS.

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**Note on belladonna root**

*Pharm. J.*, 116 (1926), p. 231; through *Chem. Abstr.*, 20 (1926), 2562

Bullock, K.

**Chemical constituents of Indian valerian root**

*Chem. & Drug.*, 105 (1926), 260

#### GENERAL AND PHYSICAL CHEMISTRY.

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**Studies on the physical and colloidal chemistry of arsphenamine. II. The alkalinized solution of arsphenamine**

*J. Lab. Clin. Med.*, 10 (1925), 446; through *Chem. Abstr.*, 20 (1926), 1886

Lullier, H.

**Action of narcotics on the permeability of plant cells**

*Pflüger's Arch. g. d. ges. Physiol.*, 207 (1925), 7; through *Bull. sci. pharmacol.*, 33 (1926), 489

#### INORGANIC CHEMICALS.

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**Loss of free iodine from alcoholic solutions of varying purity and the effect thereon of potassium iodide**

*Ind. Eng. Chem.*, 18 (1926), 827

Cattelain

**For standardizing iodine solutions**

*J. pharm. chim.*, 2 (1926), 387; through *Drug. Circ.*, 70 (1926), 513

Evers, N.

**The electrolytic determination of arsenic in chemicals**

*Chem. & Drug.*, 105 (1926), 259

Faust, J. B.

**Production of iodine in Chile**

*Ind. Eng. Chem.*, 18 (1926), 808

Rollin, G.

**A possible error in the analysis of bismuth subnitrate, as given in the German Pharmacopœia**

*J. pharm. chim.*, 3 (1926), 509

#### ORGANIC CHEMICALS.

Ahmann, C. F., and Hooker, A. D.

**The determination of pectin**

*Ind. Eng. Chem.*, 18 (1926), 412

Barro, C.

**Preparation of lecithin from eggs**

*Giorn. farm. chim.*, 75 (1926), 59; through *J. Soc. Chem. Ind.*, 45B (1926), 564

Donath, and Sebor, J.

**Determination of menthol in alcoholic sol**

*Chem. Listy*, 19 (1925), 363; through *Chem. Abstr.*, 20 (1926), 2047

Dyer, F. J., and Forbes, W. B.

**Diphenylamine as indicator in determination of iron in pharmaceutical preparations**

*Chem. & Drug.*, 105 (1926), 253

Earl, J. C., and Trikojus, V. M.

**Constitution of australol**

*J. Proc. Roy. Soc. N. S. Wales*, 59 (1926), 301; through *Chem. Abstr.*, 20 (1926), 2560

Gelarie, A. J., and Greenbaum, F. R.

**Chaulmoogra oil and its saponification**

*Am. J. Pharm.*, 98 (1926), 411

Harvey, C. O.

**Determination of the strength of glacial acetic acid**

*Analyst*, 51 (1926), 236; through *J. Soc. Chem. Ind.*, 45B (1926), 564

Huerre, E.

**The separation of the monophenols and monoethers of diphenols**

*J. pharm. chim.*, 3 (1926), 507

Kishi, N.

**Condensation of *o*-nitrophenylacetic acid with *o*-nitrobenzaldehyde**

*J. Pharm. Soc. Japan*, 532 (1926), 475

Knichowiecka, O.

**Determination of pyramidon in mixtures with caffeine and quinine**

*Bull. trav. pharm. Etat.*, No. 4 (1925); through *Chem. Abstr.*, 20 (1926), 2388

Lippmann, E. O. v.

**On the occurrence of a crystallizable fructose**  
*Ber.*, 59 (1926), 348; through *Schweiz. Apoth. Ztg.*, 64 (1926), 213

Myttenaere

**The value of the D. M. index from the point of view of the toxicity of the arsenobenzene**

*J. pharm. chim.*, 3 (1926), 497

Williams, J. F.

**Rapid determination of alcohol in distilled spirits and of color in whisky**

*Ind. Eng. Chem.*, 18 (1926), 841

Wood, A. E., Greene, A. R., and Provine, R. W.

**Desulphurizing effects of sodium hypochlorite on naphtha solutions of organic sulphur compounds**

*Ind. Eng. Chem.*, 18 (1926), 823

#### CLINICAL AND DIAGNOSTIC METHODS.

Delaville, M., and Jones, C. M.

**Estimation of uric acid in the blood**

*Bull. soc. chim. biol.*, 7 (1925), 785; through *Bull. sci. pharmacol.*, 33 (1925), 484

Prof. H. H. Bartlett, of the University of Michigan, has been appointed honorary collaborator of the Smithsonian Institution; he will make a study of plant life in Formosa and Sumatra. Malay folklore is recorded on the

joints of bamboo, while green; after drying the writing becomes permanent, unless destroyed by destructive means. The plant collections will be made in duplicate, one for the University and the other for the Smithsonian Institution