

# BIBLIOGRAPHY OF PHARMACEUTICAL RESEARCH

Conducted by H. V. Arny, Reporter on the Progress of Pharmacy, Chairman of the Committee on Research.

On these pages, each month, will be found a list of articles on pharmaceutical research that appear in the pharmaceutical and other scientific journals of the world. Whenever possible, the list appearing a certain month will record articles appearing in American journals of the preceding month and articles appearing in foreign journals will be recorded as quickly as possible after the journals reach the Reporter.

All articles appearing in these lists will be presented in abstract form in the bound volumes of the YEAR BOOK which will be issued as soon after the end of the year represented as editing and printing conditions permit. Those desiring abstracts immediately can obtain same for a fee of one dollar each by communicating with H. V. Arny, 115 West 68th St., New York, and arrangements can also be made for securing photographic reproductions of entire articles at moderate prices when such are desired.

## PHARMACOPOEIAL REVISION.

Cook, E. F.

**Tenth revision of the U. S. P.**

*Am. Drug.*, 69 (Dec. 1921), 11

Snow, C. M., and Fantus, B.

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*J. AM. PHARM. ASSOC.*, 10 (Nov. 1921), 850

## APPARATUS AND MANIPULATIONS.

Beythien

**Lead poisoning through collapsible tubes**

*Chem. Ztg.*; through *Pharm. Weekbl.*, 58 (Nov. 12, 1921), 1499

Hahn, F.

**Gas generator**

*Chem. Ztg.*; through *Pharm. Zent.*, 62 (Nov. 17, 1921), 713

Lassar-Cohn

**A new form of fermentation saccharometer**

*Chem. Ztg.*; through *Pharm. Zent.*, 62 (Nov. 24, 1921), 722

Scoville, W. L.

**Effect of acid in extraction of cinchona**

*J. AM. PHARM. ASSOC.*, 10 (Nov. 1921), 844

Weiss

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*Chem. Tech. Wsch.*; through *Pharm. Weekbl.*, 58 (Nov. 12, 1921), 1499

## PHARMACEUTICAL PREPARATIONS.

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**Alkaloidal standard for fluidextract of ipecac**

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Engfeld, N. O.

**Dakin's solution**

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*J. AM. PHARM. ASSOC.*, 10 (Nov. 1921), 854

Grantham, R. I.

**Assay of nitro-glycerin in tablets**

*J. AM. PHARM. ASSOC.*, 10 (Nov. 1921), 840

Hoffman, S. N.

**Cold creams**

*Pharm. Era.*, 54 (Dec. 1921), 439

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*Südd. Apoth. Ztg.*; through *Pharm. Zent.*, 62 (Nov. 24, 1921), 722

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**Pumilap pencils**

*Münch. med. Wsch.*; through *Pharm. Zent.*, 62 (Nov. 10, 1921), 697

Shippen, L. P., and Griffin, E. L.

**Pine oil emulsions as disinfectants**

*Bull. U. S. Dept. Agric.*; through *J. Frank. Inst.*, 192 (Dec. 1921), 815

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**Preservatives for syrups**

*Svensk. Farm. Ted.*; through *Pharm. Era.*, 54 (Dec. 1921), 447

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**Secretory system in pyrethrum**

*Bull. sci. pharmacol.*; through *Pharm. J.*, 107 (Nov. 26, 1921), 427

Lansing, J. E.

**The chemistry of plant growth**

*Chem. Met. Eng.*; through *Pharm. Era.*, 54 (Dec. 1921), 438

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**Benzidine hydrochloride as reagent for lignified elements**

*Pharm. Weekbl.*, 58 (Nov. 26, 1921), 1539

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**Myrmekophile plants**

*Pharm. Ztg.*, 66 (Nov. 16, 1921), 992

## THERAPEUTICS AND NEW REMEDIES.

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**Belladonna poisoning from eating rabbit***Lancet*; through *Pharm. J.*, 107 (Nov. 5, 1921), 363  
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Jaeger, E.**Pharmacology of adrenaline***J. pharm. chim.*, 24 (Nov. 1, 1921), 361

Schwarz, A.

**Turf therapy***Pharm. Zent.*, 62 (Nov. 17, 1921), 705

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**Comparison of action of various anesthetics***Compt. rend.*; through *J. pharm. chim.*, 24 (Nov. 1, 1921), 3555VEGETABLE AND ANIMAL MATERIA  
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**Constituents of kava-kava***Ber.*; through *J. Soc. Chem. Ind.*, 40 (Nov. 30, 1921), 825A

Casparis, P.

**Marjoran of commerce***Schweiz. Apoth. Ztg.*, 59 (Nov. 3, 1921), 585  
(Nov. 10, 1921), 605  
(Nov. 17, 1921), 617

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**Grades of Spanish saffron***Meyer Bros.*, 42 (Dec. 1921), 30

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**Proposed changes in the official requirements for acid potassium antimoniate***J. pharm. chim.*, 24 (Nov. 1, 1921), 331

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**Preparation of colloidal manganese dioxide***J. Phys. Chem.*; through *D. A. Apoth. Ztg.*, 42 (Nov. 1921), 768A

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**Commercial potassium sulphide***Farm. Rev.*; through *Drug Circ.*, 65 (Dec. 1921), 468

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**Purification of hydrochloric acid***Bull. Soc. Chim. Belge*; through *Drug Circ.*, 65 (Dec. 1921), 467

Meunier and Caste

**Action of sodium carbonate on chrome alum***Compt. rend.*; through *J. pharm. chim.*, 24 (Nov. 1, 1921), 357

Michaelis, L.

**The hydrogen exponent of drinking water***Z. unters. Nahr.-Genussen*; through *Pharm. Weekbl.*, 58 (Nov. 12, 1921), 1495

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**Assay of potassium as picrate***Bull. Soc. Chim. Romania*; through *Pharm. J.*, 107 (Nov. 5, 1921), 349

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**Increasing yield of methyl alcohol from wood***Bull. U. S. Forest Products Lab.*; through *J. Soc. Chem. Ind.*, 40 (Nov. 15, 1921), 763A

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Bauer, H.

**Assay of mercury in organics***Ber.*; through *J. Soc. Chem. Ind.*, 40 (Nov. 15, 1921), 792A

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*Rep. Pharm.*; through *Pharm. Zent.*, 62 (Nov. 10, 1921), 699
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*J. Ind. Eng. Chem.*, 13 (Dec. 1921), 11
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**CLINICAL AND DIAGNOSTIC METHODS.**

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**Assay of sugar in urine**

*J. Biol. Chem.*; through *Pharm. J.*, 107 (Nov. 19, 1921), 408

Mezger, F.

**Urea assays**

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**Composition of an intestinal calculus**

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## COMMITTEE REPORTS

### REPORT ON THE STATUS OF PHARMACISTS IN THE ARMY AND NAVY.

There is not likely to be an opportunity for new legislation in the interest of naval pharmacists during the present session of Congress. The present demand for a reduction in cost on naval administration has given no promise of success to any bill which would promise an increase in naval expense.

I have conferred with the Surgeon-General of the Navy and with others in the Bureau of Medicine and Surgery, and have also talked over the situation with Dr. Braisted, former Surgeon-General, and while they have all agreed that additional legislation is necessary, and Surgeon-General Stitt has personally placed a bill before the Secretary of the Navy, Mr. Denby, with favorable recommendation, there has been no further action taken.

In the Army some progress has been made toward the organization of the pharmaceutical division of the Medical Service Corps. There have been a few commissions granted to men who had previous service in the Sanitary Corps, and it is expected that orders will soon be received to issue commissions in the Reserve Corps to pharmacists who are properly qualified. The reduction in the size of the Army by recent Congressional action has proportionately decreased the number of commissions available but it is a gratifying fact to know that as the situation in both the Army and Navy now stands, should there be any need for a large Army or Navy, pharmacists will immediately be in line for commissions, and the basic organization is well worked out.

That which pharmacy must recognize is the fact that only those who are well trained professionally and who have those other qualifications which are essential for success as an officer, will be eligible for commissions. Pharmacy is endeavoring to prove its value to the military establishment, and wherever an opportunity is given there should be a maximum of creditable service, if we look forward to the proper development of professional pharmacy in the Army and Navy.

Copies of letters from Admiral Stitt and General Ireland are attached.

WAR DEPARTMENT  
OFFICE OF THE SURGEON GENERAL  
WASHINGTON

August 4, 1921.

Dr. E. Fullerton Cook,  
636 South Franklin Square,  
Philadelphia, Pa.

Dear Dr. Cook:

I have before me your letter of August 2, 1921, in which you request that I outline to you for presentation to the American Pharmaceutical Association during the New Orleans meeting, the status of pharmacy in the army.

There are now on active duty fifteen commissioned officers in the Medical Department who are pharmacists. These men are commissioned in the Medical Administrative Corps, distributed through the grades of captain and first and second lieutenant. They