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NOVEMBER 1, 1918, TO MAY 1, 1919

PATHOLOGY AND BACTERIOLOGY

- *AMOSS, HAROLD L., and MARSH, PENELOPE. Standardization of antimeningococcic serum. *Jour. Exp. Med.*, December 1, 1918, xxviii, pp. 779-790.
- †—, TAYLOR, HERBERT D., and WITHERBEE, WILLIAM D. Effects of large doses of x-rays on the susceptibility of the monkey to experimental poliomyelitis. *Jour. Exp. Med.*, January 1, 1919, xxix, pp. 115-123.
- , —, and —. The effect of large doses of x-rays on the resistance of monkeys to experimental poliomyelitis. *Proc. Soc. Exp. Biol. and Med.*, January 15, 1919, xvi, pp. 54-55.
- *CULLEN, GLENN E., and TAYLOR, HERBERT D. Relative irritant properties of the chlorine group of antiseptics. *Jour. Exp. Med.*, December 1, 1918, xxviii, pp. 681-699.
- †EBERSON, FREDERICK. A yeast medium for prolonging the viability of the meningococcus. *Jour. Am. Med. Assn.*, March 22, 1919, lxxii, pp. 852-853.
- †FLEXNER, SIMON, and AMOSS, HAROLD L. Persistence of the virus of poliomyelitis in the nasopharynx. *Jour. Exp. Med.*, April 1, 1919, xxix, pp. 379-395.
- †GATES, FREDERICK L. The effect of carbon dioxide in the cultivation of the meningococcus. *Jour. Exp. Med.*, April 1, 1919, xxix, pp. 321-328.
- †HILL, ELSA, MORTON, JOHN J., and WITHERBEE, WILLIAM D. Studies on x-ray effects. IV. Direct action of x-rays on transplantable cancers of mice. *Jour. Exp. Med.*, January 1, 1919, xxix, pp. 89-96.
- †KLIGLER, I. J. Non-lactose fermenting bacteria from polluted wells and subsoil. *Jour. Bacteriol.*, January, 1919, iv, pp. 35-42.

*To be published in *Studies XXXII*. †To be published in *Studies XXXIII*.

- †KLIIGLER, I. J. Yeast autolysate as a culture medium for bacteria. *Jour. Bacteriol.*, March, 1919, iv, pp. 183-188.
- †—, and OLITSKY, PETER K. Method for the isolation and rapid identification of dysenteric bacilli. *Jour. Am. Med. Assn.*, December 28, 1918, lxxi, pp. 2126-2127.
- †LAWSON, MARY R. Migration of parasites as the cause of anemia in æstivo-autumnal malarial infections. *Jour. Exp. Med.*, April 1, 1919, xxix, pp. 361-368.
- †MACNIDER, WILLIAM DEB. On the occurrence of degenerative changes in the liver in animals intoxicated by mercuric chloride and by uranium nitrate. *Proc. Soc. Exp. Biol. and Med.*, February 19, 1919, xvi, pp. 82-84.
- †—. The susceptibility of naturally nephropathic animals to acute mercuric chloride intoxication. *Jour. Med. Research*, March, 1919, xxxiv, pp. 461-468.
- †MURPHY, JAMES B., and STURM, ERNEST. Effect of dry heat on the blood count in animals. III. Studies on lymphoid activity. *Jour. Exp. Med.*, January 1, 1919, xxix, pp. 1-15.
- †— and —. The lymphocytes in natural and induced resistance to transplanted cancer. IV. Effect of dry heat on resistance to transplanted cancer in mice. *Jour. Exp. Med.*, January 1, 1919, xxix, pp. 25-30.
- †— and —. Effect of stimulation of the lymphocytes on the rate of growth of spontaneous tumors in mice. *Jour. Exp. Med.*, January 1, 1919, xxix, pp. 31-34.
- †— and —. Experiments on the rôle of lymphoid tissue in the resistance to experimental tuberculosis in mice. III. Effect of heat on resistance to tuberculosis. *Jour. Exp. Med.*, January 1, 1919, xxix, pp. 35-40.
- †NAKAHARA, WARO. The source of the lymphocytosis induced by means of heat. *Jour. Exp. Med.*, January 1, 1919, xxix, pp. 17-23.
- †—. Studies on x-ray effects. III. Changes in the lymphoid organs after small doses of x-rays. *Jour. Exp. Med.*, January 1, 1919, xxix, pp. 83-87.
- *NOGUCHI, HIDEYO. A comparative study of experimental prophylactic inoculation against *Leptospira icterohæmorrhagiæ*. *Jour. Exp. Med.*, November 1, 1918, xxviii, pp. 561-570.
- . Contribution to the etiology of yellow fever. *Jour. Am. Med. Assn.*, January 18, 1919, lxxii, pp. 187-188.

* To be published in *Studies XXXII*. † To be published in *Studies XXXIII*.

- *NOGUCHI, HIDEYO, and KALISKI, DAVID J. The spirochetal flora of the normal female genitalia. *Jour. Exp. Med.*, November 1, 1918, xxviii, pp. 559-560.
- OLITSKY, PETER K. Report on the investigations of epidemic meningitis in Hongkong. *Hongkong Gov. Rep.*, 1918, No. 10.
- †—. Experiences with a recent epidemic of meningococcic meningitis among a Chinese civil population. *Arch. Int. Med.*, March 15, 1919, xxiii, pp. 380-394.
- *ROUS, PEYTON. Urinary siderosis. Hemosiderin granules in the urine as an aid in the diagnosis of pernicious anemia, hemochromatosis, and other diseases causing siderosis of the kidney. *Jour. Exp. Med.*, November 1, 1918, xxviii, pp. 645-658.
- *— and OLIVER, JEAN. Experimental hemochromatosis. *Jour. Exp. Med.*, November 1, 1918, xxviii, pp. 629-644.
- †—, ROBERTSON, OSWALD H., and OLIVER, JEAN. Experiments on the production of specific antisera for infections of unknown cause. I. Type experiments with known antigens—a bacterial hemotoxin (megatheriolysin), the pneumococcus, and poliomyelitic virus. *Jour. Exp. Med.*, March 1, 1919, xxix, pp. 283-304.
- †—, —, and —. Experiments on the production of specific antisera for infections of unknown cause. II. The production of a serum effective against the agent causing a chicken sarcoma. *Jour. Exp. Med.*, March 1, 1919, xxix, pp. 305-320.
- †— and WILSON, GEORGE W. The influence of ether anesthesia, of hemorrhage, and of plethora from transfusion on the pressor effect of minute quantities of epinephrine. *Jour. Exp. Med.*, February 1, 1919, xxix, pp. 173-186.
- †TAYLOR, HERBERT D. Effect of exposure to the sun on the circulating lymphocytes in man. *Jour. Exp. Med.*, January 1, 1919, xxix, pp. 41-52.
- †—. Blood counts in experimental poliomyelitis in the monkey. *Jour. Exp. Med.*, January 1, 1919, xxix, pp. 97-114.
- †—. The tropistic action of blood vessels on the migration of chromatophores. *Jour. Exp. Med.*, January 1, 1919, xxix, pp. 133-138.
- †— and STEBBINS, MARIANNE G. The action of chlorinated antiseptics on blood clot. *Jour. Exp. Med.*, January 1, 1919, xxix, pp. 125-131.
- †—, WITHERBEE, WILLIAM D., and MURPHY, JAMES B. Studies on x-ray effects. I. Destructive action on blood cells. *Jour. Exp. Med.*, January 1, 1919, xxix, pp. 53-73.

*To be published in *Studies XXXII*. †To be published in *Studies XXXIII*.

- †THOMAS, MARGUERITE M., TAYLOR, HERBERT D., and WITHERBEE, WILLIAM D. Studies on x-ray effects. II. Stimulative action on the lymphocytes. *Jour. Exp. Med.*, January 1, 1919, xxix, pp. 75-82.
- UHLENHUTH, EDUARD. Parathyroids and calcium metabolism. *Proc. Soc. Exp. Biol. and Med.*, November 20, 1918, xvi, pp. 20-21.
- . The influence of milk upon tetany in salamander larvæ. *Proc. Soc. Exp. Biol. and Med.*, January 15, 1919, xvi, pp. 51-52.
- † — . Nature of the retarding influence of the thymus upon amphibian metamorphosis. *Jour. Gen. Physiol.*, January 20, 1919, i, pp. 305-313.
- † — . Parathyroids and calcium metabolism. *Jour. Gen. Physiol.*, January 20, 1919, i, pp. 315-322.
- . Further proof of the antagonism existing between the thymus and parathyroid. *Proc. Soc. Exp. Biol. and Med.*, February 19, 1919, xvi, pp. 70-72.
- † — . Relation between thyroid gland, metamorphosis, and growth. *Jour. Gen. Physiol.*, March 20, 1919, i, pp. 473-482.

PHYSIOLOGY AND PHARMACOLOGY

- †AUER, JOHN, and MELTZER, S. J. The blood pressure curve following an intraspinal injection of adrenalin. *Am. Jour. Physiol.*, December 1, 1918, xlvii, pp. 286-292.
- *MELTZER, S. J. The application of a concentrated solution of magnesium sulfate to scalds and burns. *Jour. Pharm. and Exp. Therap.*, November, 1918, xii, pp. 211-214.
- . Some theories of shock. *Pennsylvania Med. Jour.*, December, 1918, xxii, p. 129.
- . Insufflation of oxygen in pneumonia. *Boston Med. and Surg. Jour.*, March 27, 1919, clxxx, pp. 349-351.
- *WOLLSTEIN, MARTHA, and MELTZER, S. J. Experimental chemical pneumonia. *Jour. Exp. Med.*, November 1, 1918, xxviii, pp. 547-550.
- * — and — . Effect of intrabronchial insufflation of solutions of some inorganic salts. *Jour. Exp. Med.*, November 1, 1918, xxviii, pp. 551-558.
- † — and — . Experimental pneumonia produced by *Streptococcus hemolyticus*. *Proc. Soc. Exp. Biol. and Med.*, December 18, 1918, xvi, pp. 40-41.

CHEMISTRY

- †JACOBS, WALTER A., HEIDELBERGER, MICHAEL, and ROLF, IDA P. On certain aromatic amines and chloroacetyl derivatives. *Jour. Am. Chem. Soc.*, March, 1919, xli, pp. 458-474.

* To be published in *Studies XXXII*. † To be published in *Studies XXXIII*.

EXPERIMENTAL SURGERY

- BUTLER, ETHAN F., and SULLIVAN, TIMOTHY F. X. Recommendations regarding Balkan frame. *Mil. Surgeon*, February, 1919, xlv, pp. 217-220.
- DEHELLY, G. Phlébite et septicémie. *Presse méd.*, January 2, 1919, xxvii, p. 5.
- , and LOEWY, GEORGES. Effacement of cavities in the treatment of fractures. *Ann. Surg.*, April, 1919, lxix, pp. 367-378.
- LOEWY, GEORGES. Mechanical cleansing of wounds of the soft parts. *Internat. Clin.*, 1918, Series 28, Vol. iv, pp. 184-196.
- . The treatment of compound fractures. *Internat. Clin.*, 1919, Series 29, Vol. i, pp. 170-183.
- †DU NOÛY, P. LECOMTE. Cicatrization of wounds. X. A general equation for the law of cicatrization of surface wounds. *Jour. Exp. Med.*, April 1, 1919, xxix, pp. 329-350.
- PIOLLET, ADRIEN L. P. Secondary sutures in wounds. *N. Y. Med. Jour.*, January 25, 1919, cix, pp. 142-146.

EXPERIMENTAL BIOLOGY

- *LOEB, JACQUES. Amphoteric colloids. II. Volumetric analysis of ion-protein compounds; the significance of the isoelectric point for the purification of amphoteric colloids. *Jour. Gen. Physiol.*, November 20, 1918, i, pp. 237-254.
- . Volumetric analysis of ion-protein compounds. *Proc. Soc. Exp. Biol. and Med.*, December 18, 1918, xvi, p. 39.
- †—. The physiological basis of morphological polarity in regeneration. I. *Jour. Gen. Physiol.*, January 20, 1919, i, pp. 337-362.
- †—. Amphoteric colloids. III. Chemical basis of the influence of acid upon the physical properties of gelatin. *Jour. Gen. Physiol.*, January 20, 1919, i, pp. 363-385.
- †—. Amphoteric colloids. IV. The influence of the valency of cations upon the physical properties of gelatin. *Jour. Gen. Physiol.*, March 20, 1919, i, pp. 483-504.

THE HOSPITAL OF THE ROCKEFELLER INSTITUTE

- †AVERY, OSWALD T. A selective medium for *Bacillus influenzae*. Oleate-hemoglobin agar. *Jour. Am. Med. Assn.*, December 21, 1918, lxxi, pp. 2050-2051.

*To be published in *Studies XXXII*. †To be published in *Studies XXXIII*.

- †AVERY, OSWALD T., and CULLEN, GLENN E. The use of the final hydrogen ion concentration in differentiation of *Streptococcus hæmolyticus* of human and bovine types. *Jour. Exp. Med.*, February 1, 1919, xxix, pp. 215-234.
- COHN, ALFRED E. The effort syndrome. Together with a consideration of the significance of certain murmurs. *Jour. Am. Med. Assn.*, December 28, 1918, lxxi, pp. 2132-2137.
- COLE, RUFUS. Pneumonia as a public health problem. *Kentucky Med. Jour.*, December, 1918, xvi, pp. 563-565.
- †CULLEN, GLENN E., and HUBBARD, ROGER S. Note on the stabilization of dilute sodium hypochlorite solutions (Dakin's solution). *Jour. Biol. Chem.*, April, 1919, xxxvii, pp. 511-517.
- †— and —. Note on the electrolytic preparation of dilute sodium hypochlorite solutions (Dakin's solution). *Jour. Biol. Chem.*, April, 1919, xxxvii, pp. 519-523.
- *GOTO, KINGO. Studies of acidosis XII. Mineral metabolism in experimental acidosis. *Jour. Biol. Chem.*, November, 1918, xxxvi, pp. 355-376.
- †HOLT, L. EMMETT, COURTNEY, ANGELIA, M., and FALES, HELEN L. A method for the determination of fat in dried feces and its distribution as soap, free fatty acids, and neutral fat. An application to feces of the Roese-Gottlieb method for determining fat in dried and condensed milks. *Am. Jour. Dis. Child.*, January, 1919, xvii, pp. 38-42.
- †—, —, and —. A study of the fat metabolism of infants and young children. I. Fat in the stools of breast fed infants. *Am. Jour. Dis. Child.*, April, 1919, xvii, pp. 241-250.
- †PRITCHETT, IDA W., and STILLMAN, ERNEST G. The occurrence of *Bacillus influenzae* in throats and saliva. *Jour. Exp. Med.*, March 1, 1919, xxix, pp. 259-266.
- †SCHLOSS, OSCAR M., and HARRINGTON, HELEN. Comparison of the carbon dioxide tension of the alveolar air and the hydrogen ion concentration of the urine with the bicarbonate of the blood plasma. *Am. Jour. Dis. Child.*, February, 1919, xvii, pp. 85-94.
- STADIE, WILLIAM C. Arterial and venous oxygen in pneumonia and influenza. *Proc. Soc. Exp. Biol. and Med.*, February 19, 1919, xvi, p. 88.
- †STILLMAN, ERNEST G. A study of atypical Type II pneumococci. *Jour. Exp. Med.*, March 1, 1919, xxix, pp. 251-258.
- *VAN SLYKE, DONALD D. Studies of acidosis XI. The determination of carbon dioxide in carbonates. *Jour. Biol. Chem.*, November, 1918, xxxvi, pp. 351-354.

*To be published in *Studies XXXII*. †To be published in *Studies XXXIII*.

†VAN SLYKE, DONALD D., and DONLEAVY, JOHN J. A simplification of the McLean-Van Slyke method for determination of plasma chlorides. *Jour. Biol. Chem.*, April, 1919, xxxvii, pp. 551-555.

ANIMAL PATHOLOGY

*BROWN, JAMES HOWARD. A new type of syringe, especially adapted for intravenous injections or the aspiration of blood. *Jour. Exp. Med.*, November 1, 1918, xxviii, pp. 623-628.

*—and ORCUTT, MARION L. A rapid differential method for the isolation of *Bacillus influenzae*. *Jour. Exp. Med.*, November 1, 1918, xxviii, pp. 659-662.

*JONES, F. S. Studies in bovine mastitis. III. Infection of the udder with micrococci and other microorganisms. *Jour. Exp. Med.*, December 1, 1918, xxviii, pp. 721-733.

*—. Studies in bovine mastitis. IV. The sources of infection in streptococcic mastitis. *Jour. Exp. Med.*, December 1, 1918, xxviii, pp. 735-748.

†MARCHAND, WERNER. First account of a thermotropism in *Anopheles punctipennis*, with bionomic observations. *Psyche*, December, 1918, xxv, pp. 130-135.

*SMILLIE, ERNEST W. An improvement in the method of isolating and recovering the bacillus of cattle abortion through guinea pigs. *Jour. Exp. Med.*, November 1, 1918, xxviii, pp. 585-605.

*SMITH, THEOBALD. Spirilla associated with disease of the fetal membranes in cattle (infectious abortion). *Jour. Exp. Med.*, December 1, 1918, xxviii, pp. 701-719.

*TENBROECK, CARL. The survival of the hog-cholera virus in laboratory animals, particularly the rat. *Jour. Exp. Med.*, December 1, 1918, xxviii, pp. 749-757.

*—. A study of paratyphoid bacilli isolated from cases of hog-cholera. *Jour. Exp. Med.*, December 1, 1918, xxviii, pp. 759-777.

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SEMIANNUAL LIST OF THE PUBLICATIONS OF THE STAFF OF THE ROCKEFELLER INSTITUTE FOR MEDICAL RESEARCH.

MAY 1 TO NOVEMBER 1, 1919.

PATHOLOGY AND BACTERIOLOGY.

- *AMOSS, HAROLD L. A test for globulin in spinal fluid for use at the bedside. *Jour. Am. Med. Assn.*, May 3, 1919, lxxii, p. 1289.
- †— and EBERSON, FREDERICK. The passage of meningococcic agglutinins from the blood to the spinal fluid of the monkey. *Jour. Exp. Med.*, June 1, 1919, xxix, pp. 597-603.
- †— and —. Experiments on the mode of infection in epidemic meningitis. *Jour. Exp. Med.*, June 1, 1919, xxix, pp. 605-618.
- †FLEXNER, SIMON. Epidemiology and recent epidemics. *Jour. Am. Med. Assn.*, September 27, 1919, lxxiii, pp. 949-952; *Science*, October 3, 1919, l, pp. 313-319.
- *HAESSLER, HERBERT, and STEBBINS, MARIANNE G. Effect of bile on the clotting time of blood. *Jour. Exp. Med.*, May 1, 1919, xxix, pp. 445-449.
- †KLIGLER, I. J. The agglutination reactions of the Morgan bacillus No. 1. *Jour. Exp. Med.*, June 1, 1919, xxix, pp. 531-536.
- †—. Growth accessory substances for pathogenic bacteria in animal tissues. *Jour. Exp. Med.*, July 1, 1919, xxx, pp. 31-44.
- *MACNIDER, WILLIAM DEB. A functional and pathological study of the chronic nephropathy induced in the dog by uranium nitrate. *Jour. Exp. Med.*, May 1, 1919, xxix, pp. 513-529.
- †NOGUCHI, HIDEYO. Etiology of yellow fever. I. Symptomatology and pathological findings of the yellow fever prevalent in Guayaquil. *Jour. Exp. Med.*, June 1, 1919, xxix, pp. 547-564.
- †—. Etiology of yellow fever. II. Transmission experiments on yellow fever. *Jour. Exp. Med.*, June 1, 1919, xxix, pp. 565-584.

* To be published in *Studies XXXIII*. † To be published in *Studies XXXIV*. ‡ To be published in *Studies XXXV*.

- †NOGUCHI, HIDEYO. Etiology of yellow fever. III. Symptomatology and pathological findings in animals experimentally infected. *Jour. Exp. Med.*, June 1, 1919, xxix, pp. 585-596.
- †—. Etiology of yellow fever. IV. The acquired immunity of guinea pigs against *Leptospira icteroides* after the inoculation of blood of yellow fever patients. *Jour. Exp. Med.*, July 1, 1919, xxx, pp. 1-8.
- †—. Etiology of yellow fever. V. Properties of blood serum of yellow fever patients in relation to *Leptospira icteroides*. *Jour. Exp. Med.*, July 1, 1919, xxx, pp. 9-12.
- †—. Etiology of yellow fever. VI. Cultivation, morphology, virulence, and biological properties of *Leptospira icteroides*. *Jour. Exp. Med.*, July 1, 1919, xxx, pp. 13-29.
- †—. Etiology of yellow fever. VII. Demonstration of *Leptospira icteroides* in the blood, tissues, and urine of yellow fever patients and of animals experimentally infected with the organism. *Jour. Exp. Med.*, August 1, 1919, xxx, pp. 87-93.
- †—. Etiology of yellow fever. VIII. Presence of a leptospira in wild animals in Guayaquil and its relation to *Leptospira icterohæmorrhagiæ* and *Leptospira icteroides*. *Jour. Exp. Med.*, August 1, 1919, xxx, pp. 95-107.
- ‡—. Etiology of yellow fever. IX. Mosquitoes in relation to yellow fever. *Jour. Exp. Med.*, October 1, 1919, xxx, pp. 401-410.
- PEARCE, LOUISE, and BROWN, WADE H. Some aspects of the biological action of *N*-phenylglycineamide-*p*-arsonic acid. *Sc. Proc. Am. Soc. Pharmacol. and Exp. Therap. in Jour. Pharmacol. and Exp. Therap.*, August, 1919, xiii, pp. 502-504.
- ROUS, PEYTON. Urinary siderosis. Hemosiderin granules in the urine as an aid in the diagnosis of pernicious anemia, hemochromatosis, and other diseases causing siderosis of the kidney. *Tr. Assn. Am. Phys.*, 1918, xxxiii, pp. 111-127.
- and OLIVER, JEAN. Experimental hemochromatosis. *Tr. Assn. Am. Phys.*, 1918, xxxiii, pp. 133-155.
- UHLENHUTH, EDUARD. Observations on the distribution of the blind Texan cave salamander, *Typhlomolge rathbuni*. *Copeia*, May 7, 1919, No. 69, pp. 26-27.
- †—. Relation between metamorphosis and other developmental phenomena in amphibians. *Jour. Gen. Physiol.*, May 20, 1919, i, pp. 525-544.

* To be published in *Studies XXXIII*. † To be published in *Studies XXXIV*. ‡ To be published in *Studies XXXV*.

- UHELENHUTH, EDUARD. Studien zur Linsenregeneration bei den Amphibien. I. Ein Beitrag zur Depigmentierungen der Iris, mit Bemerkungen über den Wert der Reizphysiologie. *Arch. Entwicklungsmechn. Organ.*, May 30, 1919, xlv, pp. 498-570.
- . The function of the thymus gland. *Endocrinology*, July-September, 1919, iii, pp. 285-298.

PHYSIOLOGY AND PHARMACOLOGY.

- AUER, JOHN. On the relation between degree and duration of protein sensitization in guinea pigs and dogs. *Sc. Proc. Am. Soc. Pharmacol. and Exp. Therap.* in *Jour. Pharmacol. and Exp. Therap.*, August, 1919, xiii, pp. 511-512.
- and MELTZER, S. J. The treatment of experimental tetanus in dogs by intravenous injection of tetanus antitoxin and of magnesium sulfate. A demonstration. *Sc. Proc. Am. Soc. Pharmacol. and Exp. Therap.* in *Jour. Pharmacol. and Exp. Therap.*, August, 1919, xiii, pp. 506-507.
- and ———. The effect of epinephrine and pituitrin upon the blood vessels when injected subcutaneously in the ear of a rabbit. *Sc. Proc. Am. Soc. Pharmacol. and Exp. Therap.* in *Jour. Pharmacol. and Exp. Therap.*, August, 1919, xiii, p. 511.
- GITHENS, THOMAS STOTESBURY, and MELTZER, S., J. Phenomena following indirect concussion of the skull. *Proc. Am. Physiol. Soc.* in *Am. Jour. Physiol.*, June 1, 1919, xlix, p. 120.

CHEMISTRY.

- †CLARK, E. P. Preparation of rhamnose. *Jour. Biol. Chem.*, June, 1919, xxxviii, pp. 255-256.
- †HEIDELBERGER, MICHAEL, and JACOBS, WALTER A. Syntheses in the cinchona series. I. The simpler cinchona alkaloids and their dihydro derivatives. *Jour. Am. Chem. Soc.*, May, 1919, xli, pp. 817-833.
- †——— and ———. Certain amino and acylamino phenol ethers. *Jour. Am. Chem. Soc.*, September, 1919, xli, pp. 1450-1472.
- JACOBS, WALTER A., and HEIDELBERGER, MICHAEL. On *N*-phenyl-glycineamide-*p*-arsonic acid. *Sc. Proc. Am. Soc. Pharmacol. and Exp. Therap.* in *Jour. Pharmacol. and Exp. Therap.*, August, 1919, xiii, pp. 501-502.
- †——— and ———. The isomeric hydroxyphenylarsonic acids and the direct arsenation of phenol. *Jour. Am. Chem. Soc.*, September, 1919, xli, pp. 1440-1450.

* To be published in *Studies XXXIII*. † To be published in *Studies XXXIV*. ‡ To be published in *Studies XXXV*.

- ‡JACOBS, WALTER A., and HEIDELBERGER, MICHAEL. Aromatic-arsenic compounds. I. A plan of procedure for the synthesis of arsenicals for chemotherapeutic research. *Jour. Am. Chem. Soc.*, October, 1919, xli, pp. 1581-1587.
- ‡— and —. Aromatic arsenic compounds. II. The amides and alkyl amides of *N*-arylglycine arsonic acids. *Jour. Am. Chem. Soc.*, October, 1919, xli, pp. 1587-1600.
- ‡— and —. Aromatic arsenic compounds. III. The ureides and β -substituted ureides of *N*-arylglycine arsonic acids. *Jour. Am. Chem. Soc.*, October, 1919, xli, pp. 1600-1610.
- ‡— and —. Aromatic arsenic compounds. IV. Aromatic amides of *N*-arylglycine arsonic acids. *Jour. Am. Chem. Soc.*, October, 1919, xli, pp. 1610-1644.
- †LEVENE, P. A. Epichitosamine and epichitose. *Jour. Biol. Chem.*, August, 1919, xxxix, pp. 69-76.
- †—. Cytidine phosphoric acid. *Jour. Biol. Chem.*, August, 1919, xxxix, pp. 77-81.
- †— and KOMATSU, S. Lipoids of the heart muscle. *Jour. Biol. Chem.*, August, 1919, xxxix, pp. 83-89.
- †— and —. Cephalin. VI. The bearing of cuorin on the structure of cephalin. *Jour. Biol. Chem.*, August, 1919, xxxix, pp. 91-104.
- †— and MATSUO, I. *d*-Chondrosamino- and *d*-chitosaminoheptonic acids. *Jour. Biol. Chem.*, August, 1919, xxxix, pp. 105-118.
- †NCRTHROP, JOHN H., ASHE, LAUREN H., and SENIOR, JAMES K. Biochemistry of *Bacillus acetoethylicum* with reference to the formation of acetone. *Jour. Biol. Chem.*, August, 1919, xxxix, pp. 1-21.
- †—, —, and MORGAN, R. R. A fermentation process for the production of acetone and ethyl alcohol. *Jour. Ind. and Eng. Chem.*, August, 1919, xi, pp. 723-727.

EXPERIMENTAL SURGERY.

- †DU NOÛY, P. LECOMTE. A new apparatus for measuring surface tension. *Jour. Gen. Physiol.*, May 20, 1919, i, pp. 521-524.
- . On the general expression of the law of cicatrization of wounds. *Proc. Am. Physiol. Soc. in Am. Jour. Physiol.*, June 1, 1919, xlix, pp. 121-122.
- . A device for injecting fluids intravenously. *Proc. Am. Physiol. Soc. in Am. Jour. Physiol.*, June 1, 1919, xlix, p. 122.
- . A new form of the Mohr's specific gravity balance for small quantities of liquids. *Proc. Am. Physiol. Soc. in Am. Jour. Physiol.*, June 1, 1919, xlix, p. 123.

* To be published in *Studies XXXIII*. † To be published in *Studies XXXIV*. ‡ To be published in *Studies XXXV*.

DU NOÛY, P. LECOMTE. An apparatus for measuring rapidly and accurately the surface tension of all liquids. *Proc. Am. Physiol. Soc. in Am. Jour. Physiol.*, June 1, 1919, xlix, p. 123.

EXPERIMENTAL BIOLOGY.

†LOEB, JACQUES. Amphoteric colloids. V. The influence of the valency of anions upon the physical properties of gelatin. *Jour. Gen. Physiol.*, May 20, 1919, i, pp. 559-580.

†— . The physiological basis of morphological polarity in regeneration. II. *Jour. Gen. Physiol.*, July 20, 1919, i, pp. 687-715.

†— . The influence of electrolytes on the electrification and the rate of diffusion of water through collodion membranes. *Jour. Gen. Physiol.*, July 20, 1919, i, pp. 717-745.

†— . Electrification of water and osmotic pressure. *Jour. Gen. Physiol.*, September 20, 1919, ii, pp. 87-106.

— . Influence of ions on the electrification and rate of water through membranes. *Proc. Nat. Acad. Sc.*, October, 1919, v, pp. 440-446.

†NORTHROP, JOHN H. The effect of various acids on the digestion of proteins by pepsin. *Jour. Gen. Physiol.*, July 20, 1919, i, pp. 607-612.

THE HOSPITAL OF THE ROCKEFELLER INSTITUTE.

ALLEN, FREDERICK M., STILLMAN, EDGAR, and FITZ, REGINALD. Total dietary regulation in the treatment of diabetes. Monograph of The Rockefeller Institute for Medical Research, No. 11, New York, October 15, 1919.

‡AVERY, O. T., and CULLEN, GLENN E. Hydrogen ion concentration of cultures of pneumococci of the different types in carbohydrate media. *Jour. Exp. Med.*, October 1, 1919, xxx, pp. 359-378.

COHN, ALFRED E. The cardiac phase of the war neuroses. *Am. Jour. Med. Sc.*, October, 1919, clviii, pp. 453-470.

†COLE, RUFUS. Etiology of the pneumonias. *N. Y. State Jour. Med.*, July, 1919, xix, pp. 253-258.

— and MACCALLUM, W. G. Pneumonia at a base hospital. *Tr. Assn. Am. Phys.*, 1918, xxxiii, pp. 229-259.

†DOCHEZ, A. R., AVERY, O. T., and LANCEFIELD, R. C. Studies on the biology of streptococcus. I. Antigenic relationships between strains of *Streptococcus hæmolyticus*. *Jour. Exp. Med.*, September 1, 1919, xxx, pp. 179-213.

* To be published in *Studies XXXIII*. † To be published in *Studies XXXIV*. ‡ To be published in *Studies XXXV*.

- †HILLER, ALMA, and VAN SLYKE, DONALD D. Direct determination of non-amino nitrogen in the products of protein hydrolysis. *Jour. Biol. Chem.*, October, 1919, xxxix, pp. 479-488.
- †HOLT, L. EMMETT, COURTNEY, ANGELIA M., and FALES, HELEN L. Fat metabolism of infants and young children. II. Fat in the stools of infants fed on modifications of cow's milk. *Am. Jour. Dis. Child.*, June, 1919, xvii, pp. 423-439.
- †—, —, and —. Fat metabolism of infants and young children. III. Fat in the stools of children on a mixed diet. *Am. Jour. Dis. Child.*, August, 1919, xviii, pp. 107-126.
- †—, —, and —. Fat metabolism of infants and young children. IV. The digestion of some vegetable fats by children on a mixed diet. *Am. Jour. Dis. Child.*, September, 1919, xviii, pp. 157-172.
- *LEVINE, SAMUEL A. The action of strophanthin on the living cat's heart. *Jour. Exp. Med.*, May 1, 1919, xxix, pp. 485-512.
- †STADIE, WILLIAM C. The oxygen of the arterial and venous blood in pneumonia and its relation to cyanosis. *Jour. Exp. Med.*, September 1, 1919, xxx, pp. 215-240.
- †STILLMAN, EDGAR. Studies of acidosis. XIV. Determinations of bicarbonate in the blood plasma of different species by the titration and carbon dioxide capacity methods. *Jour. Biol. Chem.*, September, 1919, xxxix, pp. 261-265.
- †— . The control of acidosis in the treatment of diabetes. *Arch. Int. Med.*, October 15, 1919, xxiv, pp. 445-457.
- †VAN SLYKE, DONALD D., and FITZ, REGINALD. The determination of β -hydroxybutyric acid, acetoacetic acid, and acetone in blood. *Jour. Biol. Chem.*, August, 1919, xxxix, p. 23.
- and PALMER, WALTER W. Titration of organic acids in urine. *Proc. Soc. Exp. Biol. and Med.*, May 24, 1919, xvi, pp. 140-141.
- and SALVESEN, HARALD A. Determination of carbon monoxide in blood. *Proc. Soc. Exp. Biol. and Med.*, May 24, 1919, xvi, p. 140.
- *—, STILLMAN, EDGAR, and CULLEN, GLENN E. Studies of acidosis. XIII. A method for titrating the bicarbonate content of the plasma. *Jour. Biol. Chem.*, May, 1919, xxxviii, pp. 167-178.

ANIMAL PATHOLOGY.

- †JONES, F. S. The streptococci of equines. *Jour. Exp. Med.*, August 1, 1919, xxx, pp. 159-178.
- MARCHAND, WERNER. Collecting the larvæ of *Tabanus* and *Chrysops* (Dip.). *Entomol. News*, May, 1919, xxx, pp. 131-137.

* To be published in *Studies XXXIII*. † To be published in *Studies XXXIV*. ‡ To be published in *Studies XXXV*.

‡SMILLIE, ERNEST W., LITTLE, RALPH B., and FLORENCE, LAURA. An interpretation of the agglutination reaction to *Bacillus abortus* in 75 cases of bovine abortion bacteriologically controlled. *Jour. Exp. Med.*, October 1, 1919, xxx, pp. 341-357.

*SMITH, THEOBALD. A characteristic localization of *Bacillus abortus* in the bovine fetal membranes. *Jour. Exp. Med.*, May 1, 1919, xxix, pp. 451-456.

‡— . The etiological relation of spirilla (*Vibrio fetus*) to bovine abortion. *Jour. Exp. Med.*, October 1, 1919, xxx, pp. 313-323.

‡— . The bacteriology of bovine abortion, with special reference to acquired immunity. *Jour. Exp. Med.*, October 1, 1919, xxx, pp. 325-339.

‡— and TAYLOR, MARIAN S. Some morphological and biological characters of the spirilla (*Vibrio fetus*, *n. sp.*) associated with disease of the fetal membranes in cattle. *Jour. Exp. Med.*, October 1, 1919, xxx, pp. 299-311.

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