

No. 4, APRIL 1, 1925.

	PAGE
GORTER, E., and GRENDL, F. On bimolecular layers of lipoids on the chromocytes of the blood.....	439
ABRAMSON, HAROLD A. The influence of a low electromotive force on the electrophoresis of lymphocytes of different ages.	445
ROUS, PEYTON. The relative reaction within living mammalian tissues. III. Indicated differences in the reaction of the blood and tissues on vital staining with phthaleins.....	451
BURKE, VICTOR, and SKINNER, HORACE. Resistance of bacterial spores to the triphenylmethane dyes. Plate 18.....	471
CHESNEY, ALAN M., and KEMP, JAROLD E. Studies in experimental syphilis. I. The influence of the size of inoculum on the course of experimental syphilis in the rabbit.....	479
CHESNEY, ALAN M., and KEMP, JAROLD E. Studies in experimental syphilis. II. The influence of a non-specific inflammatory reaction upon the development of the chancre Plates 19 and 20.....	487
ELMAN, ROBERT, and MCMASTER, PHILIP D. Studies on urobilin physiology and pathology. I. The quantitative determination of urobilin.....	503
MCMASTER, PHILIP D., and ELMAN, ROBERT. Studies on urobilin physiology and pathology. II. Derivation of urobilin. Relation of the bile to the presence of urobilin in the body. .	513
NEILL, JAMES M. Studies on the oxidation-reduction of hemoglobin and methemoglobin. II. The oxidation of hemoglobin and reduction of methemoglobin by anaerobic bacilli and by sterile plant tissue.....	535
NEILL, JAMES M. Studies on the oxidation-reduction of hemoglobin and methemoglobin. III. The formation of methemoglobin during the oxidation of autoxidizable substances.	551
NEILL, JAMES M. Studies on the oxidation-reduction of hemoglobin and methemoglobin. IV. The inhibition of "spontaneous" methemoglobin formation.....	561
WEBSTER, LESLIE T. Biology of <i>Bacterium leprosepticum</i> . I. Effects of oxygen tension and the presence of rabbit blood on growth, dissociation, and virulence.....	571