

CONTENTS OF VOLUME XX, No. 2, 1926.

(All rights reserved)

	PAGE
XXVIII. The Secondary Oxidation of some Substances of Physiological Interest. By D. C. HARRISON and S. THURLOW	217
XXIX. The Effect of Copper Compounds upon the Growth of Carcinoma in the Rat. By I. HIEGER	232
XXX. The Inhibitory Effect of the Sugars on Saponin Haemolysis. By E. PONDER and W. P. KENNEDY. (With two figures)	237
XXXI. The Influence of Neutral Salts on Haemolysis. By W. P. KENNEDY. (With two figures)	243
XXXII. The Heat-Stable Peroxidase of Bacteria. By A. B. CALLOW	247
XXXIII. The Concentration of Diastase in the Urine throughout the Day. By I. COHEN. (With two figures)	253
XXXIV. The Glucose in Blood. By G. S. LUND and C. G. L. WOLF	259
XXXV. The Estimation of Glucose in Biological Material. By H. F. HOLDEN	263
XXXVI. The Action of Light on Blood. By D. T. HARRIS. (With six figures)	271
XXXVII. Photo-Oxidation of Plasma. A Note on its Sensitisation. By D. T. HARRIS. (With two figures)	280
XXXVIII. Observations on the Velocity of the Photo-Oxidation of Proteins and Amino-Acids. By D. T. HARRIS	288
XXXIX. Chemistry of Thyroxine. I. Isolation of Thyroxine from the Thyroid Gland. By C. R. HAREINGTON	293
XL. Chemistry of Thyroxine. II. Constitution and Synthesis of Desiodo-Thyroxine. By C. R. HAREINGTON	300
XLI. The Intermediary Metabolism of Carbohydrates. Glyoxalase Content of Rabbit's Muscle. By H. W. DUDLEY	314
XLII. Note on the Variation in the End-Products of Bacterial Fermentation Resulting from Increased Combined Oxygen in the Substrate. By H. D. KAY. (With two figures)	321
XLIII. The Biological Value of Bread-Protein. By M. HINDHEDE	330
XLIV. The Effect of Irradiation of the Environment with Ultra-Violet Light upon the Growth and Calcification of Rats, Fed on a Diet Deficient in Fat-Soluble Vitamins. The Part Played by Irradiated Sawdust, II. By E. M. HUME and H. H. SMITH	335
XLV. A Note on the Production by Irradiation with Ultra-Violet Light of Anti-Rachitic Properties in Sterols Derived from the small Siak Illipe Nut (<i>Palaquium Burretii</i>). By E. M. HUME and H. H. SMITH	340
XLVI. The Carbohydrate and Fat Metabolism of Yeast. Part III. The Nature of the Intermediate Stages. By I. SMEDLEY MACLEAN and D. HOFFERT	343
XLVII. The Action of Yeast on Lactic Acid. By D. HOFFERT	358
XLVIII. The Effect of Ultra-Violet Light on the Calcium and Phosphorus Metabolism of the Lactating Animal. By J. MCA. HENDERSON and H. E. MAGEE. (With one figure)	363
XLIX. Experiments on the Chemical Nature of the Oxytocic Principle of the Pituitary Gland. By W. V. THORPE	374
L. Studies upon Calcification <i>in vitro</i> . By P. G. SHIPLEY, B. KRAMER and J. HOWLAND. (With Plate I)	379
LI. The Possible Significance of Hexosephosphoric Esters in Ossification: A Reply to Shipley, Kramer and Howland. By R. ROBISON	388
LII. Role of Insulin in Phosphorus Metabolism. By S. KOŁODZIEJSKA and C. FUNK	392
LIII. The Action of Pure Phosphatides on the Perfused Heart of the Frog. By P. EGGLETON. (With two figures)	395
LIV. The Biological Significance of the Unsaponifiable Matter of Oils. I. Experiments with the Unsaturated Hydrocarbon, Squalene (Spinacene). By H. J. CHANNON	400
LV. The Biological Significance of the Unsaponifiable Matter of Oils. II. An Unidentified Unsaturated Hydrocarbon Present in Mammalian Liver. H. J. CHANNON and G. F. MARRIAN	409
LVI. A Modification of the Deflection Balance for use in Biochemical Laboratories. By J. W. TREVAN. (With one figure)	419
LVII. The Estimation of Calcium in Blood-Serum. By J. W. TREVAN and H. W. BAINBRIDGE. (With one figure)	423
LVIII. The Influence of the Fatty Acids and their Salts on Alcoholic Fermentation by Living Yeast. Part I. Acetic and Formic Acids and their Sodium, Potassium and Ammonium Salts. By H. KATAGIRI. (With four figures)	427
LIX. Studies in Purine Metabolism. I. Variations in the Nuclear-Plasmic Ratio in the Adult Albino Rat. II. Synthesis of Purines by the Adult Mammalian Organism. By R. TRUSZKOWSKI	437