

CONTENTS OF VOLUME XXXI, No. 8, 1937

(All rights reserved)

	PAGE
CLVII. Studies on the proteinase of <i>Clostridium histolyticum</i> . By L. WEIL and W. KOCHOLATY. (With six figures)	1255
CLVIII. The metabolism of lactic and pyruvic acids in normal and tumour tissues. V. Synthesis of carbohydrate. By M. P. BENOY and K. A. C. ELLIOTT	1268
CLIX. Carbohydrate metabolism during experimental human salt deficiency. By R. A. McCANCE	1276
CLX. The changes in the plasma and cells during experimental human salt deficiency. By R. A. McCANCE	1278
CLXI. The chlorine-sodium sulphite colour reaction of woody tissues. By W. G. CAMPBELL, S. A. BRYANT and G. SWANN	1285
CLXII. The analysis of carbohydrates of the cell wall of plants. IV. Determination of methylpentoses as methylfurfuraldehyde: methods of distillation and precipitation. By C. R. MARSHALL and F. W. NORRIS	1289
CLXIII. Spectrographic identification of nicotinic acid in <i>Staphylococcus aureus</i> growth factor concentrates. By E. R. HOLIDAY. (With two figures)	1299
CLXIV. Studies on melanins. I. Photosynthetic melanins. By M. SPIEGEL-ADOLF. (With one figure)	1303
CLXV. The adaptability of glucozymase and galactozymase in <i>Bacterium coli</i> . By M. STEPHENSON and E. F. GALE. (With four figures)	1311
CLXVI. Factors influencing bacterial deamination. I. The deamination of glycine, <i>dl</i> -alanine and <i>l</i> -glutamic acid by <i>Bacterium coli</i> . By M. STEPHENSON and E. F. GALE. (With fourteen figures)	1316
CLXVII. The bacterial purification of gas-works liquors. II. The biological oxidation of ammonium thiocyanate. By F. C. HAPPOLD and A. KEY	1323
CLXVIII. Metabolism of sulphur. VI. Oxidation in the body of the sulphur-containing amino-acids and some of their partially oxidized derivatives. By G. MEDES. (With seventeen figures)	1330
CLXIX. Aldehyde mutase. By M. DIXON and C. LUTWAK-MANN. (With fifteen figures)	1347
CLXX. The relation between the rate of enzymic oxidation and the stereochemical structure of ascorbic acid and its analogues. By S. W. JOHNSON and S. S. ZILVA. (With five figures)	1366
CLXXI. The wax of white pine chermes. By B. K. BLOUNT, A. C. CHIBNALL and H. A. EL MANGOURI	1375
CLXXII. Subacute magnesium deficiency in rats. By E. WATCHORN and R. A. McCANCE. (With two figures)	1379
CLXXIII. A study of the destruction of vitamin B ₁ in blood. By P. C. LEONG	1391

CONTENTS

	PAGE
CLXXIV. The sulphur distribution of proteins. By K. BAILEY	1396
CLXXV. Composition of the myosins and myogen of skeletal muscle. By K. BAILEY	1406
CLXXVI. The vitamin B ₂ complex. Differentiation of the antiblacktongue and the P.-P. factors from lactoflavin and vitamin B ₆ . VII. Experiments with monkeys and other species. By L. J. HARRIS. (With eight figures)	1414
CLXXVII. On the use of mercuric salts and nitrous acid in the colorimetric determination of tyrosine and tryptophan present in solution. By J. W. H. LUGG. (With six figures)	1422
CLXXVIII. The effects of testosterone and testosterone propionate on adult male rats (compared with those on female rats). By V. KORENCHEVSKY, M. DENNISON and K. HALL	1434

INDEX OF AUTHORS

	PAGE		PAGE
Bailey, K.	1396, 1406	Kocholaty, W.	1255
Benoy, M. P.	1268	Korenchevsky, V.	1434
Blount, B. K.	1375	Leong, P. C.	1391
Bryant, S. A.	1285	Lugg, J. W. H.	1422
Chibnall, A. C.	1375	Lutwak-Mann, C.	1347
Campbell, W. G.	1285	McCance, R. A.	1276, 1278, 1379
Dennison, M.	1434	Mangouri, H. A. ei	1375
Dixon, M.	1347	Marshall, C. R.	1289
Elliot, K. A. C.	1268	Medes, G.	1330
Gale, E. F.	1311, 1316	Norris, F. W.	1289
Hall, K.	1434	Spiegel-Adolf, M.	1303
Happold, F. C.	1323	Stephenson, M.	1311, 1316
Harris, L. J.	1414	Swann, G.	1285
Holiday, E. R.	1299	Watchorn, E.	1379
Johnson, S. W.	1366	Weil, L.	1255
Key, A.	1323	Zilva, S. S.	1366