

CONTENTS OF VOLUME 121, No. 3, 1971

	PAGE		PAGE
The cellulase of <i>Fusarium solani</i> . Purification and specificity of the β -(1 \rightarrow 4)-glucanase and the β -D-glucosidase components. By T. M. Wood	353	Structural studies on bovine γ -crystallin. By L. R. Croft and S. G. Waley	453
The metabolism of cyclohexanol by <i>Nocardia globerulea</i> CL1. By D. B. Norris and P. W. Trudgill	363	Properties of yeast grown anaerobically in media limiting in potassium. By W. Bartley and V. Broomhead	461
Chromatographic separation of mono-nucleotides derived from transfer ribonucleic acids. By N. J. Holness and G. Atfield	371	Effect of thyroid hormone on metabolic compartmentation in the developing rat brain. By A. J. Patel and R. Balázs	469
The enzymic deacylation of phospholipids and galactolipids in plants. Purification and properties of a lipolytic acyl-hydro-lase from potato tubers. By T. Galliard	379	The biosynthesis of gangliosides. The incorporation of galactose, <i>N</i> -acetyl-galactosamine and <i>N</i> -acetylneuraminic acid into endogenous acceptors of sub-cellular particles from rat brain <i>in vitro</i> . By A. Arce , H. J. Maccioni and R. Caputto	483
Altered ribosomes after inhibition of <i>Escherichia coli</i> by rifampicin. By M. R. Blundell and D. G. Wild	391	Factors controlling aminoacyl-transfer-ribonucleic acid synthesis <i>in vitro</i> by a plant system. By K. L. Tao and T. C. Hall	495
Temperature and the regulation of enzyme activity in poikilotherms. Regulatory properties of fructose diphosphatase from muscle of the Alaskan king-crab. By H. W. Behrlich	399	Metabolism of camphanediols. By J. S. Robertson and E. Solomon	503
The metabolism of methoxyethylmercury salts. By J. W. Daniel , J. C. Gage and P. A. Lefevre	411	The arrangement of ribosomes in ribosome tetramers from hypothermic chick embryos. By N. H. Carey and G. S. Read	511
Homoserine and diaminobutyric acid in the mucopeptide-precursor-nucleotides and cell walls of some plant-pathogenic corynebacteria. By H. R. Perkins	417	Sulphur utilization during growth of <i>Pseudomonas fluorescens</i> on potassium D-glucose 6-O-sulphate. By J. W. Fitzgerald and K. S. Dodgson	521
<i>N</i> -Carbamoyl-2-(<i>p</i> -hydroxyphenyl)glycine from leaves of broad bean (<i>Vicia faba</i> L.). By J. Eagles , W. M. Laird , S. Matai , R. Self , R. L. M. Synge and A. F. Drake	425	Haem synthesis during mitochondro-genesis in yeast. By J. Jayaraman , G. Padmanaban , K. Malathi and P. S. Sarma	531
The biosynthesis of valine from isobutyrate by <i>Peptostreptococcus elsdenii</i> and <i>Bacteroides rumenicola</i> . By M. J. Allison and J. L. Peel	431	Studies on the composition of egg-white ovomucin. By D. S. Robinson and J. B. Monsey	537
The amino acid sequence of sesame (<i>Sesamum indicum</i> L.) and castor (<i>Ricinus communis</i> L.) cytochrome <i>c</i> . By E. W. Thompson , M. Richardson and D. Boulter	439	The computed distribution of copper(II) and zinc(II) ions among seventeen amino acids present in human blood plasma. By P. S. Hallman , D. D. Perrin and A. E. Watt	549
Formation of malate from glyoxylate in animal tissues. By C.-C. Liang and L.-C. Ou	447	SHORT COMMUNICATIONS	
		<i>C</i> -Terminal amino acid sequence of bovine γ -crystallin. By L. R. Croft	557

	PAGE		PAGE
A simple and sensitive saturation assay method for the measurement of adenosine 3':5'-cyclic monophosphate. By B. L. Brown, J. D. M. Albano, R. P. Ekins, A. M. Sgherzi and W. Tampion	561	The nature of the 'cytoplasmic 3-hydroxy-butyrate dehydrogenase' from sheep kidney. By D. H. Williamson and P. Kuenzel	569
Rapid-sweep polarography of cystine. By W. Lee	563	Antibiotic production and sporulation in <i>Bacillus subtilis</i> . By J. E. Walker	571
Competitive interaction of <i>Escherichia coli</i> leucyl-transfer-ribonucleic acids with the enzyme-leucyladenylate complex. By M. Kondo	567	A new type of reagent for the detection of molecular varieties of some hydrolytic enzymes: detection of β -amylase isoenzymes. By M. Ceska	575

Proceedings of The Biochemical Society

	PAGE
Effects of monoamine oxidase inhibitors on qualitative alterations ('transformation') of the catalytic properties of amine oxidases. By V. Z. GORKIN, Zh. I. AKOPYAN, I. V. VERYOVKINA, L. N. STESINA and M. M. ABDEL SAMED	31 P
The reaction of monoamine oxidase with phenethylhydrazine. By K. F. TIPTON	33 P
Monoamine oxidase: multiple forms and selective inhibitors. By M. B. H. YOUNDIM, G. G. S. COLLINS and M. SANDLER	34 P
Monoamine oxidase inhibitors and brain monoamines in clinical conditions. By C. M. B. PARE	36 P
Inhibition of rat and mouse brain monoamine oxidases by (+)-amphetamine. By A. L. GREEN	37 P
The inactivation of monoamine oxidase by clorgyline (M&B 9302). By C. J. COULSON	38 P
A monoamine oxidase-tetrazolium reaction for locating aromatic amino acid decarboxylases in electrophoretic media. By K. N. ANTONAS, W. F. COULSON and J. B. JEPSON	38 P
Calf <i>N</i> -acetylhexosaminidases. By T. W. JORDAN and D. ROBINSON	39 P
The effects of salicylate of the activity of tryptophan pyrrolase in rat liver. By A. A.-B. BADAWY and M. J. H. SMITH	40 P
Effects of propyl gallate and other antioxidants on rat liver microsomal nicotinamide-adenine dinucleotide phosphate-linked cytochrome <i>c</i> reductase. By T. F. SLATER and M. V. TORRIELLI	40 P
The biochemical mode of action of the fasciolicides nitroxylin, hexachlorophane and oxyclozanide. By J. R. CORBETT and J. GOOSE	41 P
The effect of organic anions on the biliary excretion of tri[¹⁴ C]methyl-(3-hydroxyphenyl)ammonium <i>O</i> -glucuronide. By T. N. CALVEY and D. J. BACK	41 P
Biochemical effects of the hypoglycaemic compound diphenyleneiodonium in rat liver mitochondria: inhibition of adenosine triphosphate synthesis. By P. C. HOLLAND and H. S. A. SHERRATT	42 P
Biochemical effects of the hypoglycaemic compound diphenyleneiodonium in rat liver mitochondria: anion-hydroxyl ion exchange. By P. C. HOLLAND and H. S. A. SHERRATT	42 P
The isolation of acidic nuclear proteins from <i>Physarum polycephalum</i> . By M. Y. ALI KHAN and S. SHALL	43 P

INDEX TO AUTHORS

	PAGE		PAGE
Abdel Samed, M. M.	31 P	Atfield, G.	371
Akopyan, Zh. I.	31 P	Back, D. J.	41 P
Albano, J. D. M.	561	Badawy, A. A.-B.	40 P
Ali Khan, M. Y.	43 P	Balázs, R.	469
Allison, M. J.	431	Bartley, W.	461
Antonias, K. N.	38 P	Behrlich, H. W.	399
Arce, A.	483		