Acetylcholinesterase
Utilization of [32P]soman for measurement
of —— in brain tissues (Thomas et al.), 235
(1971) 542

 β -N-Acetylglucosaminidase

Structure-linked sedimentability of ratliver —— (Baccino, Zuretti), 235 (1971) 353 Acid phosphatase III

Purification and properties of human placental —— (DiPietro), 235 (1971) 458

N-Acetyltransferase

Isotope exchange studies on rabbit liver—— (Steinberg et al.), 235 (1971) 89

Acetyltrypsin

Hydrolysis of a-N-benzoyl-L-argininamide catalyzed by trypsin and ——: Dependence on pH (Spomer, Wootton), 235 (1971) 164

K⁺-activated, ethacry**n**ic acid-sensitive pnitrophenylphosphatase

——— from normal human white cells (Rao et al.), 235 (1971) 454

Aldose reductase

Subunits of —— from Rhodotorula (Sheys, Doughty), 235 (1971) 414

Alkaline phosphatase isoenzymes

Purification and properties of heat-stable—from HeLa cells (Tan, Aw). 235 (1971)

Alkaline proteinase

Esterolytic, elastase-like activity of purified —— from Aspergillus sojae (Gertler, Hayashi), 235 (1971) 378

Allün lyase

Purification and properties of —— from the furgus Penicillium corymbiferum (Durbin, Uchytil), 235 (1971) 518

Amine oxidase

Connective tissue —— I. Purification of bovine aorta amine oxidase and its comparison with plasma amine oxidase (Rucker, O'Dell), 235 (1971) 32

Amino acid oxidation

Chloramines as intermediates of —— reaction by myeloperoxydase (Zgliczyński et al.), 235 (1971) 419

 $\delta\text{-}\mathrm{Aminolae}$ ulinate synthtase

— in extracts of cultured soybean cells (Wider de Xifra et al.), 235 (1971) 511

s-Aminolevulinic acid synthetase

—— from the particulate fraction of liver of porphyric rats (Kaplan), 235 (1971) 381 Angiotensin-converting enzyme

—— from porcine plasma (Lee et al.), 235 (1971) 521

Aspergillus sojae

Esterolytic, elastase-like activity of purified alkaline proteinase from ———— (Gertler, Hayashi), 235 (1971) 378

a-N-Benzoyl-L-argininamide

Hydrolysis of —— catalyzed by trypsin and acetyltrypsin: Dependence on pH (Spomer, Wootton), 235 (1971) 164

"Budding" viruses

Nucleoside triphosphate phosphotransferase—a new activity of oncogenic and nononcogenic —— (Roy, Bishop), 235 (1971)

Carbonic anhydrase

— in the rumen epithelial tissue of the ox (Carter), 235 (1971) 222

Carboxypeptidase A

Effect of temperature upon the conformations of —— (Anson), A_{γ}^{leu} , A_{γ}^{val} , $A_{\alpha+\beta}$ (Fretto, Strickland), 235 (1971) 473

Carboxypeptidase A

Use of circular dichroism to study the interactions of —— (Anson) and $A_{\alpha+\beta}$ with substrates and inhibitors (Fretto, Strickland), 235 (1971) 489

Catechol O-methyltransferase

The para- and meta-O-methylations of noradrenaline (Frère, Verly), 235 (1971)

Cell wall

Inhibition of goose lysozyme by oligosaccharides from the —— of Micrococcus lysodeikticus (Allen, Neuberger), 235 (1971) 539

Chloramines

— as intermediates of oxidation reaction of amino acids by myeloperoxidase (Zgiczyński et al.), 235 (1971) 419

Chloroplast and cytoplasmic enzymes

II. Pea leaf triose phosphate isomerases (Anderson), 235 (1971) 237

Chloroplast and cytoplasmic enzymes

III. Pea leaf ribose 5-phosphate isomerases (Anderson), 235 (1971) 245

Chymotrypsin

Non-pancreatic proteases of the family. I. A chymotrypsin-like protease from rat mast cells (Kawiak et al.), 235 (1971) 172

Chymotrypsin

Partial identification of a — formed by incubation of bovine chymotrypsinogen A with papain (Shaw, Gratecos), 235 (1971) 188

 α -Chymotrypsin

Interpretation of rate profiles of the pH-dependent trypsin- and ——catalyzed hydrolysis of esters with a free α-amino group (Del Castillo et al.), 235 (1971) 358

 δ -Chymotrypsin

Conformation of —— during catalysis. Chemical reactivity of the isoleucine 16 amino group in the acyl-enzyme inter-

mediate (Valenzuela, Bender), 235 (1971) 411

Chymotrypsinogen A

Partial identification of a chymotrypsin formed by incubation of bovine --- with papain (Shaw, Gratecos), 235 (1971) 188

Circular dichroism

Use of ——— to study the interactions of carboxypeptidase A (Anson) and $A_{\alpha+\beta}$ with substrates and inhibitors (Fretto, Strickland), 235 (1971) 489

Conformations of carboxypeptidase A

Effect of temperature upon the -son), A_{ν}^{1eu} , A_{ν}^{val} , $A_{a+\beta}$ (Fretto, Strickland), 235 (1971) 473

Cyclic 3', 5'-AMP phosphodiesterase

- of Saccharomyces carlbergensis. Inhibition by adenosine 5'-triphosphate, inorganic pyrophosphate and inorganic polyphosphate (Speziali, Van Wijk), 235 (1971) 166

Elastase-like activity

Esterolytic, - — of purified alkaline proteinase from Aspergillus sojae (Gertler, Hayashi), 235 (1971) 378

Enzyme system

Studies on a matrix-bound three (Mattiasson, Mosbach), 235 (1971) 253

Flavin binding

Studies on ~ in flavodoxins (Mayhew), 235 (1971) 289

Flavin prosthetic group

Evidence for a novel ---- associated with a NADH dehydrogenase from Peptostreptococcus elsdenii (Mayhew, Massey), 235 (1971) 303

Flavodoxins

Properties of two clostridial —— (Mavhew), 235 (1971) 276

Flavodoxins

Studies on flavin binding in —— (Mayhew), 235 (1971) 289

Fructose-1,6-diphosphate aldolase

Thermal properties of —— from thermophilic bacteria (Sugimoto, Nosoh), 235 (1971) 210

Galactosyl transferase

- activity in a variety of sources (Fitzgerald et al.), 235 (1971) 425

Glucose-6-phosphate dehydrogenase

Interconvertible microheterogeneity of — - in rat liver (Taketa, Watanabe), 235 (1971) $\mathbf{I}\mathbf{Q}$

Glutamate dehydrogenase

from human liver, III. Antibodybinding sites and properties of the antigenantibody complex (Lehmann), 235 (1971)

Glyceraldehyde-3-phosphate dehydrogenase Binding of NAD+ to rabbit muscle --

studied by protein fluorescence quenching (Price, Radda), 235 (1971) 27

Homoserine dehydrogenase

Effects of K⁺ on the catalytic and regulatory properties of --- of Pseudomonas

fluorescence (Bothwell, Datta), 235 (1971) 1 Human placental acid phosphatase III

Purification and properties of --- (DiPietro), 235 (1971) 458

Isocitric acid

Rate-determining step in the oxidative decarboxylation of — (O'Leary), 235 (1971) 14

Kinetic properties

-- of phosphoribosvladenosine triphosphate synthetase: Inhibition by aggregation at high enzyme concentrations (Kryvi, Klungsöyr), 235 (1971) 429

Kinetics of activation

- of myosin ATPase by monovalent cations (Kelemen, Mühlrad), 235 (1971) 503

Lemna minor Purification and properties of an enzyme preparation from -- - L. catalyzing the synthesis of UDP-apiose and UDP-Dxylose from UDP-D-glucuronic acid (Wellmann, Grisebach), 235 (1971) 389

Inhibition of goose - - by oligosaccharides from the cell wall of Micrococcus lysodeikticus (Allen, Neuberger), 235 (1971) 539

Malathion

Partial purification and properties of a soil enzyme that degrades the insecticide (Getzin, Rosefield), 235 (1971) 442

a-Mannosidase

Evidence for a non-lysosomal - in rat liver homogenates (Marsh, Gourlay), 235 (1971) 142

Matrix-bound three-enzyme system

Studies on a - (Mattiasson, Mosbach). 235 (1971) 253

Micrococcus lysodeikticus

Inhibition of goose lysozyme by oligosaccharides from the cell wall of -Neuberger), 235 (1971) 539

Myeloperoxidase

-- of the leukocyte of normal blood. II. The oxidation-reduction reaction mechanism of the myeloperoxidase system (Odajima), 235 (1971) 52

Myeloperoxidase

Chloramines as intermediates of oxidation reaction of amino acids by (Zgliczyński et al.), 235 (1971) 419

Myosin ATPase

Kinetics of activation of -- -- by monovalent cations (Keleman, Mühlrad), 235 (1971) 503

NADH dehydrogenase

Evidence for a novel flavin prosthetic group associated with a —— from Peptostreptococcus elsdenii (Mayhew, Massey), 235 (1971) 303

Nitrate reductase

Sulphite-dependent ---- from Thiobacillus denitrificans (Adams et al.), 235 (1971) 398 Noradrenaline

Catechol O-methyltransferase: The paraand meta-O-methylations of - (Frère,

Verly), 235 (1971) 73 Proteases Non-pancreatic --- of the chymotrypsin Noradrenaline O-methylation of —— and demethylation family. I. A chymotrypsin-like protease in rat blood (Frère, Verly), 235 (1971) 85 from rat mast cells (Kawiak et al.), 235 Nucleoside triphosphate phosphotransferase (1971) 172 --- a new enzyme activity of oncoge-Proteases nic and non-oncogenic "budding" viruses Studies on the inhibition of neutral —— by (Roy, Bishop), 235 (1971) 191 1,10-phenanthroline (Feder et al.), 235 Nucleotidase (1971) 370New ---- of rat liver with activity toward Proteinase 3'- and 5'-nucleotides (Fritzson, Smith), 235 Esterolytic, elastase-like activity of purified from Aspergillus sojae (1971) 128 alkaline (Gertler, Hayashi), 235 (1971) 378 Nucleotides Purine nucleoside phosphorylase New nucleotidase of rat liver with activity toward 3'- and 5'- (Fritzson, Smith), of chicken liver (Murakami et al.), 235 235 (1971) 128 (1971) 99 Oxidative decarboxylation Pyruvate kinase Rate-determining step in the --- of isoci-Some kinetic differences between the M isotric acid (O'Leary), 235 (1971) 14 enzymes of ---- from liver and muscle (Jiménez de Asúa et al.), 235 (1971) 326 Papain Enhancement of the enzymatic activity of Ribonuclease Exocellular ----- from Streptomyces aureoby reaction with N-bromosuccinimide faciens. I. Isolation and purification (Bačo-(Kirschenbaum), 235 (1971) 159 Penicilium corymbiferum vá et al.), 235 (1971) 335 Ribonuclease Purifications and properties of allun lyase from the fungus --- (Durbin, Uchytil), Exocellular — from Streptomyces aureofaciens. II. Properties and specificity (Ze-235 (1971) 518 Peptidase linková et al.), 235 (1971) 343 Ribonuclease T₁ Purification and properties of a — Preparation and properties of waterthyroid glands (Dunn, McQuillan), 235 insoluble derivatives of --- (Lee), 235 (1971) 149 Peptostreptococcus elsdenii (1971) 435Evidence for a novel flavin prosthetic group Ribose 5-phosphate isomerases Chloroplast and cytoplasmic enzymes: III. associated with a NADH dehydrogenase — (Mayhew, Massey), 235 (1971) Pea leaf --- (Anderson), 235 (1971) 245 Soman 303 Utilization of [32P]- — for measurement Peroxidase complex of acetylcholinesterase in brain tissues Isolation of the thyroid ---- (Danner, (Thomas et al.), 235 (1971) 542 Morrison), 235 (1971) 44 1,10-Phenanthroline Streptomyces aureofaciens Exocellular ribonuclease from ----. I. Iso-Studies on the inhibition of neutral proteases by —— (Feder et al.), 235 (1971) 370 lation and purification (Bačová et al.), 235 Phenylalanine hydroxylase (1971) 335 - of Macaca irus: Purification of two Streptomyces aureofaciens Exocellular ribonuclease from —. II. components of the enzyme (Cotton), 235 Properties and specificity (Zelinková et al.), (1971)61Phenylalanine hydroxylase 235 (1971) 343 Sulphite-dependent nitrate reductase Effects of some nucleosides and dithiothreitol on the stability and activity of - from Thiobacillus denitrificans (Adams — (Bublitz), 235 (1971) 311 et al.), 235 (1971) 398 Thermophilic bacteria Phosphatase Thermal properties of frutose-1,6-diphos-The purification and properties of heatstable alkaline —— isoenzymes from HeLa phate aldolase from --- (Sugimoto, Nosoh), 235 (1971) 210 cells (Tan, Aw), 235 (1971) 119 Phosphopyruvate carboxylase Thyroid glands Purification and properties of a peptidase Inhibition of maize leaf bv oxalo-– (Dunn, McQuillan), 235 (1971) 149 acetate (Lowe, Slack), 235 (1971) 207 from -Triose phosphate isomerases Phosphoribosyladenosine triphosphate syn-Chloroplast and cytoplasmic enzymes: II. Kinetic properties of --- :Inhibition by Pea leaf — (Anderson), 235 (1971) 237 aggregation at high enzyme concentrations Hydrolysis of α -N-benzoyl-L-argininamide (Kryvi, Klungsöyr), 235 (1971) 429 catalyzed by --- and acetyltrypsin: De-Prenyltransferase pendence on pH (Spomer, Wootton), 235 Reactivity of artificial substrates for -

(1971) 164

(Nishino et al.), 235 (1971) 322

Trypsin

Interpretation of rate profiles of the pH-dependent — – and α -chymotrypsin-catalyzed hydrolysis of esters with a free α -amino group (Del Castillo et al.). 235 (1971) 358

Thiobacillus denitrificans

Sulphite-dependent nitrate reductase from — (Adams et al.), 235 (1971) 398

UDP-Apiose

Purification and properties of an enzyme preparation from Lemna minor L. catalyzing the synthesis of —— and UDP-D-xylose from UDP-D-glucuronic acid (Wellmann, Grisebach), 235 (1971) 389

UDP-D-Glucuronic acid

Purification and properties of an enzyme preparation from Lemna minor L. catalyzing the synthesis of UDP-apiose and UDP-D-xylose from —— (Wellmann, Grisebach), 235 (1971) 389

UDP-D-Xylose

Purification and properties of an enzyme preparation from Lemna minor L. catalyzing the synthesis of UDP-apiose and —— from UDP-D-glucuronic acid (Wellmann, Grisebach), 235 (1971) 389

Water-insoluble derivatives of ribonuclease T₁ Preparation and properties of --- (Lee), 235 (1971) 435