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Enzyme Regulation and Mechanism of Action

Editors: P MILDNER
BRIES

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ENZYME REGULATION AND MECHANISM OF ACTION

Proceedings of the FEBS Special Meeting on Enzymes
Cavtat, Dubrovnik, 1979

Editors

P. MILDNER, Zagreb

B. RIES, Zagreb



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General Editor: P. Mildner, Zagreb

Volume 60 ENZYME REGULATION AND MECHANISM OF ACTION

Volume 61 INDUSTRIAL AND CLINICAL ENZYMOLOGY



PREFACE

Recent progress and developments in enzymology were the subject of this Special FEBS Meeting, held in April 1979 in Cavtat, Dubrovnik.

The lectures held at the Meeting are presented in two volumes: "Enzyme Regulation and Mechanism of Action" and "Industrial and Clinical Enzymology".

The mechanism of enzyme action and structure of enzymes are presented in the first volume. The subject of the first part of this volume is the regulation and mechanism of enzyme activity. The second part deals with enzymes of nucleic acid and protein biosynthesis, while the third part is composed of papers dealing with the problems of proteolytic enzymes.

The present volume contains data about the structure, function and role of various enzymes and multienzyme complexes. One should always be aware of the fact that metabolic pathways must be considered as a whole, rather than as a collection of individual enzymes. Attention must also be paid to environmental changes which may influence the biosynthesis and repression of enzymes in the cell.

We hope that the present volume will stimulate further work and that enzymologists will find new and interesting ideas that will help them in their studies on the complex role and function of enzymes in the metabolism of the cell.

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CONTENTS

Preface	ix
List of Contributors	xi
Regulation of Enzyme Activity	
Partial Amino Acid Sequence of Rabbit Liver Fructose 1,6-Bisphosphatase (Fru-P ₂ ase, EC 3.1.3.11) and Sites of Cleavage by Proteinases	3
<i>B.L. Horecker, J.S. MacGregor, V.N. Singh, O. Tsolas, S.C. Sun, O. Crivellaro and S. Pontremoli</i>	
Physiological Inactivation of Enzymes in Yeasts	15
<i>C. Gancedo, S. Funayama and Juana M. Gancedo</i>	
Structural Requirements of a Rat Liver Proteinkinase Displaying a Specificity Similar to That of the Mammary Gland Caseinkinase(s)	23
<i>F. Meggio, A. Donella Deana and L.A. Pinna</i>	
Structure and Functions of Protein Kinases	35
<i>E.S. Severin, S.N. Kochetkov, T.V. Bulargina, Kh.A. Ulmasov, I.A. Grivennikov, I.N. Trakht, S.F. Barbashov, L.P. Saschenko and M.V. Nesterova</i>	
Structure, Function and Regulation of the Mammalian Pyruvate Dehydrogenases Complex	47
<i>L.J. Reed, F.H. Pettit, S.J. Yeaman, W.M. Teague and D.M. Bleile</i>	
Role of Enzyme Catalyzed Covalent Modifications in Regulation of Glutamine Synthetase	57
<i>E.R. Stadtman, P.B. Chock and S.G. Rhee</i>	
Control Points in the Citric Acid Cycle	69
<i>J.H. Ottaway and C.L. McMinn</i>	
Acid Phosphatase, a Glycoprotein of the Yeast Cell Wall	83
<i>P. Mildner, S. BarbariĆ, B. Kozulić and B. Ries</i>	
Ligand Binding Properties and Subunit Interactions in Yeast Alcohol Dehydrogenase	93
<i>V. Leskovac</i>	

Probing of Enzyme Microenvironment of Fluorescein Derivatives <i>N.G. Oikonomakos, T.G. Sotiroidis and A.E. Evangelopoulos</i>	103
On the Role of Water in the Acceleration of an Enzymatic Reaction <i>M.R. Pavlič</i>	113
Enzymes in Nucleic Acid and Protein Synthesis	
Restriction Nucleases in the Analysis of Bovine 1.706 Satellite DNA <i>R.E. Streeckm M. Pech and H.G. Zachau</i>	125
Enzymatic Synthesis of Site-Specific Mutation in an Essential Gene of Bacteriophage ØX174 <i>R.W. Chambers, O.S. Bhanot and M.Z. Humayun</i>	135
DNA Polymerases of Human Normal and Leukemic Cells <i>M.G. Samgadharan and R.C. Gallo</i>	145
Comparative Studies of Structure and Function of DNA-Dependent RNA Polymerases from Eubacteria and Archabacteria <i>W. Zillig, K.O. Stetter, W. Schulz and D. Janekovic</i>	159
In Vitro Transcription of Cloned Eukaryotic tRNA Genes <i>O. Schmidt, B. Hovemann, S. Silverman, H. Yamada, J. Mao and D. Söll</i>	179
Crystallographic Studies of Tyrosyl tRNA Synthetase <i>D.M. Blow and J.R. Rubin</i>	189
Molecular Enzymology of Tryptophanyl-tRNA Synthetase from Beef Pancreas <i>L.L. Kisselev, G.K. Kovaleva, O.O. Favorova, V.S. Scheinker and S.F. Beresten</i>	199
Aminoacyl-tRNA Synthetases: Interactions with their Ligands <i>J.P. Ebel, P. Remy, M. Baltzinger, R. Ehrlich, J.F. Lefevre, M. Renaud, F. Fasiolo, G. Keith, O. Favorova, S. Vassilenko, R. Giege, A. Dietrich, D. Kern, D. Moras, J.C. Thierry, B. Jacrot and G. Zaccari</i>	211
Proofreading Process in Protein Biosynthesis on the Mechanism of Aminoacylation of tRNA <i>F. Cramer</i>	223
Polynucleotide Phosphorylase as a Probe for the Regulatory Function of the 3'-OH Region of mRNA and Viral RNA in Translation <i>U.Z. Littauer, H. Soreq and P. Cornelis</i>	233
Cortisol Mediated Control at the Translation Level in Anabolic Target Liver Cells. Modulation of Translation and Ribosomal Proteins Phosphorylation <i>D. Kanazir, D. Stefanović, R. Metlaš, S. Popić, M. Katan, D. Trajković, N. Ribar-Stepić and R. Djordjević</i>	245
Coordinacy in the Induction of Acid Glycosidases by Testosterone in Mice <i>S.L. Petrović, J.S. Borota, M.B. Novaković and D.V. Marinković</i>	259

Proteolytic Enzymes

Gastric Proteinases and their Zymogens. Phylogenetic and Developmental Aspects <i>B. Foltman and N.H. Axelsen</i>	271
The Active Site of Acid Proteinases <i>T.L. Blundell, H.B. Jones, G. Khan, G. Taylor, B.T. Sewell, L.H. Pearl and S.P. Wood</i>	281
Structure and Function of Cathepsin D <i>J.S. Huang, S.S. Huang and J. Tang</i>	289
Thiol Proteinases of Human Lysosomes <i>A.J. Barrett</i>	307
Carboxyl and Thiol Intracellular Proteinases <i>V. Turk, I. Kregar, F. Gubenšek, T. Popovič, P. Ložnikar and T. Lah</i>	317
Intracellular Serine Proteinases of Bacteria - Isolation, Chemistry, Evolutionary Aspects <i>V.M. Stepanov</i>	331
Proteinases and Endogenous Proteinase Inhibitors in Yeast <i>M. Müller and H. Holzer</i>	339
The Structure-Function Relationships of Collagenolytic Enzymes <i>B. Keil</i>	351
Intracellular Neutral Proteinases and their Inhibitors <i>M. Kopitar, J. Brzin, J. Babnik, V. Turk and A. Suhar</i>	363
Characteristics of the Uptake and Degradation of Yeast Invertase in Rat Tissues <i>H.L. Segal, H.M. Madnick and A.C. Parks</i>	377
Author Index	391
Subject Index	405