

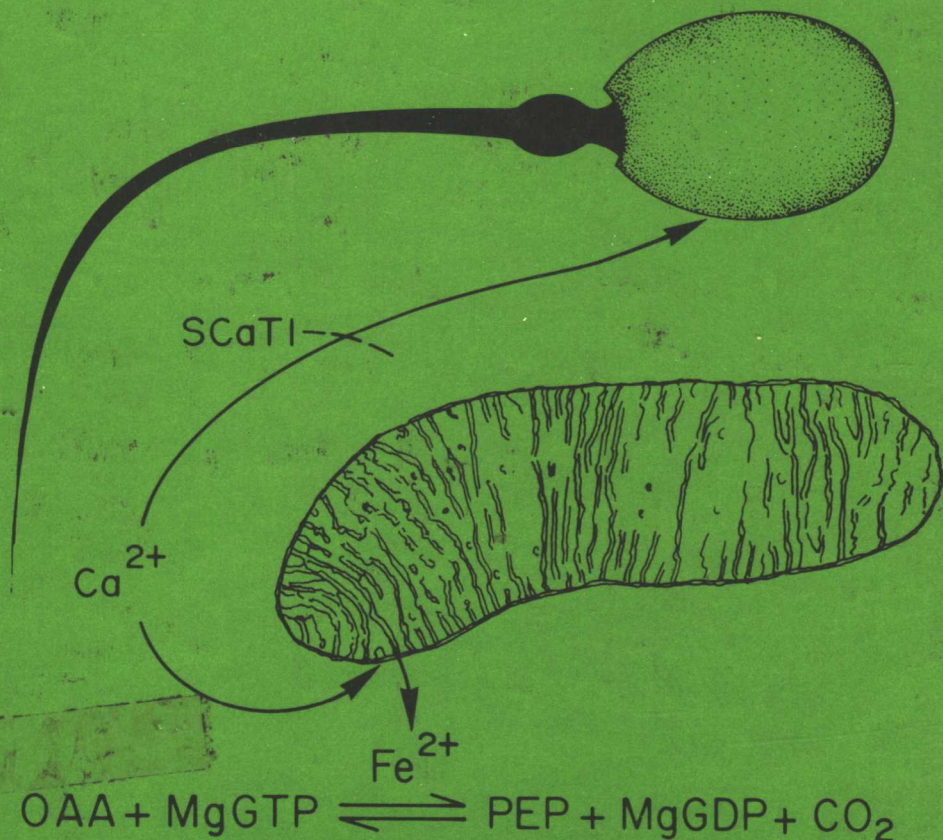
BIOCHEMISTRY OF METABOLIC PROCESSES

STEENBOCK-LILLY SYMPOSIUM

In Honor of Dr. Henry A. Lardy

Editors:

Doris L.F. Lennon/Frederick W. Stratman/Rainer N. Zahlten



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BIOCHEMISTRY OF METABOLIC PROCESSES

Proceedings of the Steenbock-Lilly International Symposium on Recent Developments in Metabolism and Function of Spermatozoa, Ion Transport, Gluconeogenesis, Nucleic Acids and Nucleotides, Enzymic Catalysis, Metabolism and Function of Bacteria, Metabolic Regulation, and Phosphorylation and Energy Metabolism. This symposium was held at the State Historical Society of Wisconsin Auditorium, Madison, Wisconsin, U.S.A., June 9–11, 1982, in honor of Dr. Henry A. Lardy.

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Preface

This text presents the published proceedings of a symposium held June 9-11, 1982, in Madison, Wisconsin (USA). The 1982 symposium was jointly sponsored by the Harry Steenbock Symposium Fund, Department of Biochemistry, University of Wisconsin-Madison, and by Eli-Lilly and Company, Indianapolis, Indiana, and therefore has been called the Steenbock-Lilly Symposium.

The Harry Steenbock Symposium Trust Fund was established to honor the late Professor Harry Steenbock, and this symposium represents the twelfth in a series. The editors are sincerely grateful to Mrs. Evelyn Steenbock for her continued support of these symposia.

A unique feature of this symposium is the intent to pay tribute to another distinguished American biochemist, Professor Henry A. Lardy. It is in his honor that Eli-Lilly and Company agreed to co-sponsor this event. We are indebted to Dr. C. W. Pettinga, Executive Vice President, Eli-Lilly and Company, and to Dr. Earl Herr, President, Lilly Research Laboratories (and the Research Grants Committee) for their very generous support.

Professor Steenbock was a pioneer in the study of several fat-soluble vitamins, and is best known for his discovery that ultraviolet irradiation of foods produces vitamin D. Similarly, Professor Lardy has pioneered many areas of biochemical research, and is well known for his contributions in gluconeogenesis and sperm metabolism.

The symposium was designed to bring together present and former students and scientific colleagues of Dr. Lardy, many of whom are distinguished leaders in their respective fields of investigation. The papers presented contain new, previously unpublished data, and have been grouped according to the following topics: metabolism and function of spermatozoa, ion transport, gluconeogenesis, nucleic acids and nucleotides, enzymic catalysis, metabolism and function of bacteria, metabolic regulation, and phosphorylation and energy metabolism.

The "Biochemistry of Metabolic Processes," therefore, reflects the diversity of topics covered in this volume, and is a fitting tribute to Dr. Lardy for his involvement in a variety of biochemical endeavors.

The text editors/symposium organizers are grateful to all participating scientists, particularly to the speakers for their cooperation regarding manuscript regulations, and to the session chairpersons. We are also very grateful to Karen Davis whose experience in handling past Steenbock Symposia and organizational expertise has been invaluable. Finally, we wish to thank Marion Wagner and Georgene Stratman for contributing much of their personal time, effort, and helpful suggestions throughout the long planning process required for an event such as this.

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Symposium photos pages xxiii, 2, 4, and 12 by Rainer N. Zahlten.

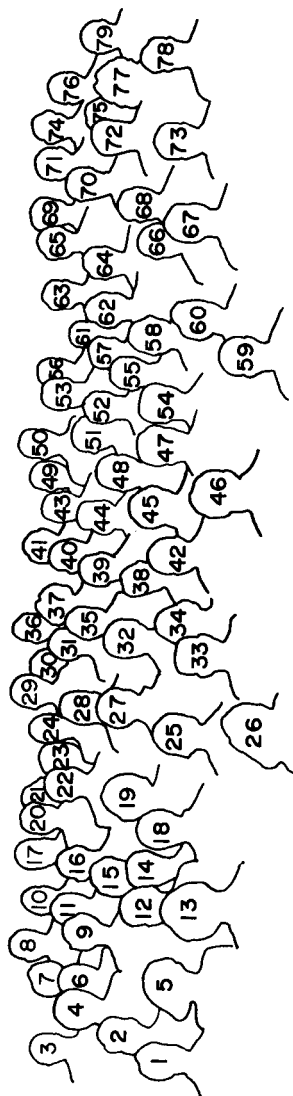
Symposium photos pages xi, xii, and xxi by Raymond E. Smith, Department of Biochemistry, University of Wisconsin-Madison.



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Contents

Preface	ix
List of Participants	xv
<u>INTRODUCTION</u>	
Henry Lardy: The Man, "Reflections of Henry" Doris L. F. Lennon	3
Henry Lardy: The Scientist, Symposium Keynote Address Rainer N. Zahlten	5
<u>METABOLISM AND FUNCTION OF SPERMATOZOA</u>	
The Binding of an ^{125}I -Speract Analogue to Spermatozoa Adaline C. Smith and David L. Garbers	15
Use of Sperm Cells as a Model for the Study of Metabolism Roy H. Hammerstedt	29
<u>ION TRANSPORT</u>	
Mechanism of Biological Effects of Carboxylic Ionophores: Modulation of Intracellular Calcium Activity by Sodium Berton C. Pressman and George R. Painter	41
A23187-Response Coupling in Cells Peter W. Reed, J. Kelley Bentley, Duane L. Ochs, Alan S. Harris, and Gary M. Bokoch	55
The Mechanism and Regulation of Ca^{2+} Efflux from Mitochondria Douglas R. Pfeiffer, June W. Palmer, Michael C. Beatrice, and David L. Stiers	67
<u>GLUCONEOGENESIS</u>	
Regulation of Gluconeogenesis in Cell-free Systems of Rat Liver Paul Walter, Fritz Brawand, Stephanie Moerikofer-Zwez, and Franziska B. Stoecklin	83
In Search of Covalent Modifications of Membrane Proteins and Phospholipids during Stimulus-secretion Coupling in Exocrine Cells Hans-Dieter Söling, Reinhard Jahn, and Ulrike Padel	97
Regulation of Carbohydrate Metabolism in Rabbits Paul D. Ray	111
Multifunctional Glucose-6-phosphatase and the Regulation of Metabolic Flux through the Glucose \rightleftharpoons glucose-6-phosphate Cycle in Liver Robert C. Nordlie and Katherine A. Sukalski	125

Liver Fructose Bisphosphatase Concentration, Activity and Specific Activity in Normal, Alloxan-diabetic and Genetically Diabetic Mice Joel B. Hansen, Robert E. Moore, and Carlo M. Veneziale	139
Primary Structure of Fructose-1,6-bisphosphatase Frank Marcus, Ida Edelstein, Judith Rittenhouse, Tapati Chatterjee, Ilene Reardon, and Robert L. Heinrikson	153
Calcium-dependent Phosphorylation of Endogenous Pancreatic Islet Proteins Michael J. MacDonald, Anjaneyulu Kowluru, Cheng-Min Chang, and Robert J. Mertz	165
The Regulation of L-type Pyruvate Kinase Activity in Hepatocytes David P. Bloxham, Michael F. Byford, Graeme P. Poole, Anthony D. Postle, and John W. Tweedie	179
Pyruvate Kinase at the Crossroads James B. Blair and James J. Kerbacher	191
<u>NUCLEIC ACIDS AND NUCLEOTIDES</u>	
A Biochemical Analysis of the Effect of RNA Polymerase Concentration on the <u>In Vivo</u> Control of RNA Chain Initiation Frequency William R. McClure	207
Preparation of DNA · RNA Hybrids Robert L. Ratliff, Donald E. Hoard, and Donald M. Gray	219
The Protein Hormones That Regulate Glucose Homeostasis: Facts and Mysteries Concerning the Genes and Their Expression William J. Rutter, Lu-Ping Shen, Robert Crawford, Peter Hobart, Graeme Bell, and Orgad Laub	229
Structure and Function of Enzymes Involved in Pyrimidine Nucleotide Metabolism Gladys F. Maley and Frank Maley	243
<u>ENZYME CATALYSIS</u>	
Pigeon Liver Malic Enzyme -- A Homotetramer with Only Two Catalytic Sites? Robert Y. Hsu	259
Allosteric Regulation of Pig Heart Fumarase Gregory D. Reinhart	273
Role of Isocitrate Dehydrogenases in Animal Tissue Metabolism Gerhard W. E. Plaut and Jerome L. Gabriel	285

Some Enzymic Studies on Human Duchenne Muscular Dystrophy S. A. Kuby, M. Hamada, C. C. Nessel, F. H. Tyler, and F. A. Ziter	303
Evidence of Asparagine-dependent Glycine Synthesis Sheldon M. Schuster	323
<u>METABOLISM AND FUNCTION OF BACTERIA</u>	
Some Properties of the Galactose-proton Symport System of <u>Escherichia coli</u> Peter Henderson, Hajime Hirata, Peter Horne, Maurice Jones-Mortimer, Tim Kaethner, and Andrew MacPherson	339
Bacterial Metabolism of Poly- β -Hydroxybutyrate Kenkichi Tomita, Terumi Saito, and Tetsuya Fukui	353
The Behavior of Rats, Bacteria, and Man Julius Adler	367
<u>METABOLIC REGULATION</u>	
Regulation of Chromatin Function by Polyadenosine Diphosphoribosylation Ernest Kun, Takeyoshi Minaga, Eva Kirsten, George Jackowski, Leonard Peller, Lawrence Marton, Stina M. Oredsson, and George Milo	387
Conversion of 5'-Methylthioadenosine to Methionine in Cultured Human Tumor Cells Robert E. Parks, Jr., Todd M. Savarese, and Lucy Y. Ghoda	401
Properties and Possible Physiological Role of Rat Liver Serine: Pyruvate Aminotransferase Mariko Yanagisawa, Satoshi Higashi, Toshiaki Oda, and Arata Ichiyama	413
<u>PHOSPHORYLATION AND ENERGY METABOLISM</u>	
Aminopyrine Metabolism in Guinea Pig Hepatocytes and Its Implications for the Aminopyrine Breath Test in Humans as a Liver Function Test Rainer N. Zahlten and Harshika Shah-Bhatt	429
Dynamics of Electron Transfer in Mitochondrial Membranes Jerome H. Hochman, Melvin Schindler, Jennifer G. Lee, and Shelagh Ferguson-Miller	441
Regulation by Nucleotides and Phosphate of Mitochondrial ATP Hydrolysis and ATP Synthesis Catherine Godinot, Attilio di Pietro, Francois Penin, Helene Baubichon, and Daniele C. Gautheron	451