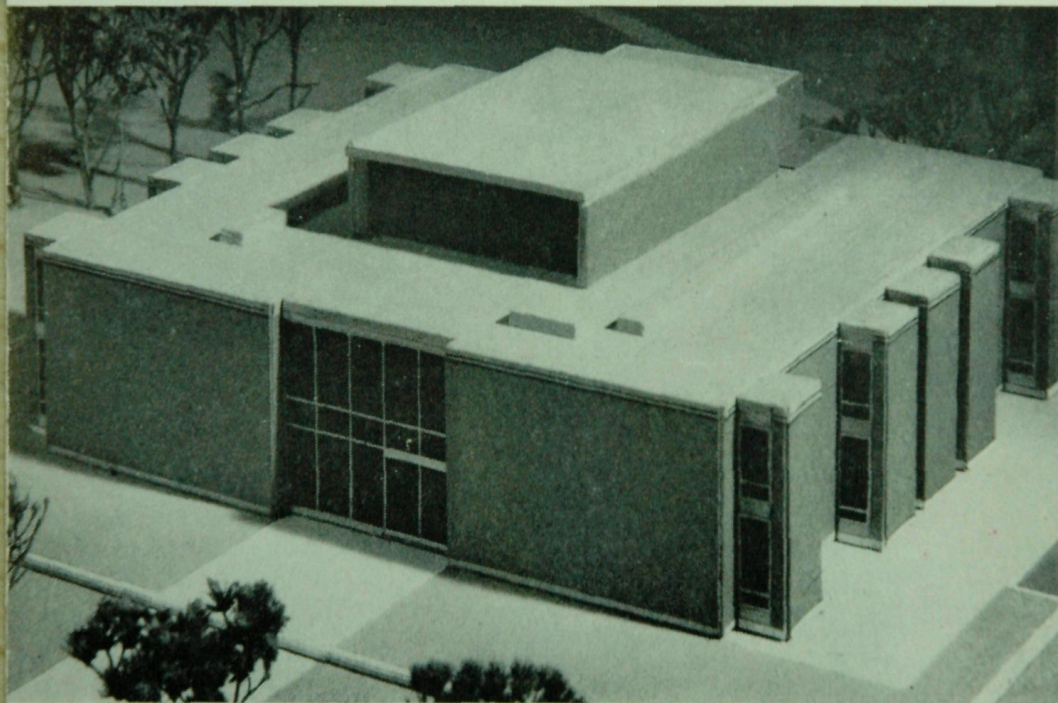


LIPID SYMPOSIUM
for the dedication of
THE BURNSIDES RESEARCH LABORATORY
OF THE UNIVERSITY OF ILLINOIS

Urbana, Illinois

June 16, 17, 18, 1963



**PROGRAM FOR
LIPID SYMPOSIUM**

University of Illinois, Urbana

SUNDAY, JUNE 16

1:30-4:30 Registration and Open House at The Burn-
sides Research Laboratory

5:00-6:30 Dinner in Illini Room at Illini Union Building

7:00-7:30 Introductory Remarks: F. A. Kummerow,
The Burnsidess Research Laboratory, University of
Illinois

Welcoming Address: David Dodds Henry, President,
University of Illinois

Response: Dr. Douglas M. Surgenor, Dean, School
of Medicine, State University of New York at Buffalo,
Representing the Research Committee of the Ameri-
can Heart Association

7:30-9:30 Opening Session

Irvine H. Page, Director of Research, Cleveland
Clinic, Cleveland, *Chairman*

Louis N. Katz, Director, Cardiovascular Institute,
Michael Reese Hospital and Medical Center, Chi-
cago: *Introduction of Clinical Aspects*

Theodore B. VanItallie, Director of Medicine, St.
Luke's Hospital, New York City: *Clinical Manifesta-
tions of Heart Disease*

W. Stanley Hartroft, Director, Research Institute,
The Hospital for Sick Children, Professor of Physi-
ology, University of Toronto, Toronto, Canada:
Clinical Aspects

Herbert Pollack, Associate Professor of Clinical Medi-
cine, New York University, New York City, and
George V. Mann, Associate Professor of Biochemistry,
Vanderbilt University School of Medicine, Nashville,
Moderators, Discussion Period

9:00

1:30

2:45

7:00

MONDAY, JUNE 17

9:00-11:45 Morning Session, Law Building Auditorium
Max K. Horwitt, Director, L. B. Mendel Research
Laboratory, Elgin (Ill.) State Hospital, Elgin, Pro-
fessor of Biological Chemistry, University of Illinois
College of Medicine, Chicago, *Chairman*

Henry C. McGill, Chairman, Department of Path-
ology, School of Medicine, Louisiana State University,
New Orleans: *The Natural History of Human*
Atherosclerosis

Edward G. Perkins, The Burnsidess Research Labora-
tory, University of Illinois, Urbana: *Composition of*
Lipids in the Aorta

Frank Lindgren, Donner Laboratory, University of
California, Berkeley: *Physical and Chemical Proper-*
ties of the Low Density Lipoproteins

Toshiro Nishida, The Burnsidess Research Laboratory,
University of Illinois, Urbana: *Lipoprotein Stability*

1:30-2:30 Afternoon Session, Law Building Auditorium
Campbell Moses, Director, Addison H. Gibson Lab-
oratory, University of Pittsburgh School of Medicine,
Pittsburgh, *Chairman*

David Kritchevsky, The Wistar Institute, Philadel-
phia: *Factors Affecting the Oxidation of Cholesterol*
by Rat Liver Mitochondria

Frank C. Monkhouse, Charles H. Best Institute, Uni-
versity of Toronto, Toronto, Canada: *Reactions In-*
volved in the Maintenance of Normal Blood Fluidity

2:45-4:45 Open House at The Burnsidess Research Lab-
oratory

7:00-9:30 Evening Session, Law Building Auditorium
Sunc Bergstrom, Karolinska Institutet, Stockholm,
Sweden, *Chairman*

Donald J. Hanahan, Department of Biochemistry,
University of Washington School of Medicine,
Seattle: *Chemistry and Biochemistry of Phospholipids*

Salih J. Wakil, Department of Biochemistry, Duke
University Medical Center, Durham: *The Biosyn-*
thesis of Fatty Acids in Animal Tissues

Eugene P. Kennedy, Head, Department of Biological
Chemistry, Harvard University Medical School,
Boston: *The Metabolism of Complex Lipids*

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TUESDAY, JUNE 18

9:00-11:45 Morning Session, Law Building Auditorium
D. Mark Hegsted, Harvard University, School of
Public Health, Boston, *Chairman*

Ralph T. Holman, The Hormel Institute, Austin,
Minn.: *Essential Fatty Acids*

James F. Mead, Chief, Professor, Departments of
Biological Chemistry and of Biophysics and Nuclear
Medicine, UCLA Medical Center, Los Angeles:
Metabolism of C¹⁴ Labeled Fatty Acids

Daniel Steinberg, Chief, Section on Metabolism,
National Heart Institute, Bethesda, Md.: *Physiologic
and Pharmacologic Control of Cholesterol Synthesis*

Peter D. Klein, Division of Biological and Medical
Research, Argonne National Laboratory, Argonne,
Ill.: *Interfacial Behavior of Sterols*

1:30-4:30 Afternoon Session, Law Building Auditorium
Cecil Entenman, Director, Institute for Lipid Re-
search, Berkeley, *Chairman*

A. L. Tappel, Department of Food Science, Univer-
sity of California, Davis: *Function of Polyunsatur-
ated Fatty Acids and Lipid Antioxidants in Mito-
chondria and Membranes*

Karl Folkers, President, Stanford Research Institute,
Menlo Park: *New Aspects of Coenzyme Q*

Henry Lardy, Institute for Enzyme Research, Univer-
sity of Wisconsin, Madison, Wis.: *Hormonal and
Metabolic Control of Carbohydrate Formation in
Animals*

6:00-8:00 Open House at The Burnside's Research
Laboratory

\$ 700,000

400,000 + 300,000 = 700,000
250,000 + 450,000 = 700,000

The symposium is being held as part of the dedicational exercises for a new research facility at the University — The Burnsidess Research Laboratory. Work at the laboratory will be concentrated mainly on the study of lipids under the direction of F. A. Kummerow, Professor of Food Chemistry, Department of Food Technology in the College of Agriculture. The building was erected through funds provided by Miss Ethel Burnsidess, the National Institutes of Health, and state bond issue funds allocated to the University.

Those attending the symposium will have ample opportunity to examine the new building.

The laboratory is a unique, two-story reinforced concrete and brick building. The basement contains four small-animal rooms grouped around a central wash-up room and a room for diet formulation. The basement also contains a centrifuge room adjacent to a ventilated cold room and freezer, and two rooms equipped with walk-in hoods and their own ventilation system for work with radioactive compounds. Small service areas for tissue culture work, gas chromatography, and instrument repair will be available. The first and second floors are devoted entirely to research areas, grouped around a central instrument room on the first floor and around a library study room on the second floor. A penthouse area is available as a reading and seminar room.

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Funds for lipid research have been provided by the National Institutes of Health, National Science Foundation, Illinois Heart Association, American Heart Association, American Dairy Association, and the National Livestock and Meat Board and by Miss Ethel Burnside. A fund for The Burnside Research Laboratory has been established within the framework of the University Alumni Foundation.

Funds for this symposium were provided by the American Meat Institute, Anderson, Clayton and Company, Armour and Company, Durkee Famous Foods, The Glidden Company, Hunt Foods and Industries, Inc., the Illinois Heart Association, Mead Johnson and Company, Monsanto Chemical Company, The Procter and Gamble Company, the Special Dairy Industry Board, and Wilson and Company and by the Division of University Extension and the Illinois Agricultural Experiment Station.

Message Center will be at The Burnside Research Laboratory, 333-1806.

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