Committee on Growth of the Division of Medical Sciences, National Research Council
Scientific Adviser for Research to The American Cancer Society

March 1, 1946

COMMITTEE ON GROWTH

Dr. C. P. Rhoads,* Chairman, Memorial Hospital, York Avenue at 68th Street, New York 21, N. Y.
Dr. A. R. Dochez, College of Physicians & Surgeons, Columbia University, 630 West 168th Street, New York 32, N. Y.
Dr. A. Baird Hastings,* Department of Biological Chemistry, Harvard Medical School, Boston 15, Mass.
Dr. Charles Huggins, Department of Surgery, University of Chicago, 950 E 59th Street, Chicago 37, Ill.
Dr. Donald F. Jones, Connecticut Agricultural Experiment Station, P. O. Box 1106, New Haven, Conn.
Dr. C. C. Little,* Roscoe B. Jackson Memorial Laboratory, Bar Harbor, Me.
Dr. Carl R. Moore, Department of Zoology, University of Chicago, Chicago 37, Ill.
Dr. John I. Morton, School of Medicine and Dentistry, University of Rochester, Rochester 7, N. Y.
Dr. Charles H. Taylor, Jr., Department of Obstetrics and Gynecology, Bellevue Hospital, 26th Street and First Avenue, New York 21, N. Y.
Dr. Eugene P. Pendergrass, Department of Radiology, University of Pennsylvania Hospital, Philadelphia 4, Pa.
Dr. Florence R. Sabin, Secretary, 1333 East 10th Avenue, Denver 3, Colo.
Dr. Howard C. Taylor, Jr., Department of Obstetrics and Gynecology, Bellevue Hospital, 26th Street and First Avenue, New York 16, N. Y.
Dr. M. A. Tuve,* Applied Physics Laboratory, Johns Hopkins University, 8621 Georgia Avenue, Silver Spring, Md.
Dr. M. C. Winternitz,* Yale University School of Medicine, 310 Cedar Street, New Haven 11, Conn.

DIVISION OF BIOLOGY

Dr. Walter J. Heston, Chairman

Panel on Botany

Dr. Orland E. White, Chairman, Professor of Agriculture and Biology, Director, Blandy Experimental Farm, Biology Building, University of Virginia, University Station, Charlottesville, Va.
Prof. George Wells Brandle, Professor of Biology, Stanford University, Stanford University, Calif.
Dr. William J. Robbins, Director, New York Botanical Garden, Bronx Park, New York 58, N. Y.

Panel on Cellular Biology

Dr. George L. Streeter, Chairman, Director Emeritus, Department of Embryology, Carnegie Institution of Washington, Johns Hopkins Medical School, Baltimore 5, Md.
Dr. Albert Claude, Associate, Department of Pathology, Rockefeller Institute for Medical Research, New York 21, N. Y.
Dr. Edmund V. Cowdry, Director of Research, Barnard Free Skin and Cancer Hospital, St. Louis 3, Mo.
Prof. Theophilus Painter, Acting President, University of Texas, Austin 12, Texas
Dr. George B. Wislocki, Stillman Professor, Department of Anatomy, Harvard Medical School, Boston 15, Mass.

Panel on Human Genetics

Dr. Laurence H. Snyder, Chairman, Chairman, Department of Zoology and Entomology, Ohio State University, Columbus 10, Ohio
Dr. Douglas P. Murphy, Assistant Professor of Obstetrics and Gynecology, University of Pennsylvania Medical School, University Hospital, 34th and Spruce Streets, Philadelphia 4, Pa.
Dr. Clarence Paul Oliver, Associate Professor of Genetics, University of Minnesota, Minneapolis 14, Minn.

Panel on Laboratory Genetics

Dr. Walter E. Heston, Chairman, Senior Geneticist, U. S. Public Health Service, National Cancer Institute, Bethesda 14, Md.
Dr. Walter Landauer, Professor of Genetics, University of Connecticut, Storrs, Conn.
Dr. Clara Lynch, Associate, Rockefeller Institute for Medical Research, 66th Street and York Avenue, New York 21, N. Y.
Dr. W. Lawson Russell, Research Associate, Roscoe B. Jackson Memorial Laboratory, Bar Harbor, Me.

Panel on Milk Factor

Dr. John J. Bittner, Chairman, Director, Division of Cancer Biology, University of Minnesota Medical School, Minneapolis 14, Minn.
Dr. Howard B. Andervont, Principal Biologist, National Cancer Institute, 7825 Rayburn Road, Bethesda 14, Md.

* Members of the Executive Committee of the Committee on Growth.
Committee on Growth

Dr. George W. Woolley, Staff Member, Roscoe B. Jackson Memorial Laboratory, Bar Harbor, Me.

**Panel on Mutations**

Dr. L. J. Stadler, Chairman, Professor of Field Crops, University of Missouri, 202 Genetics Building, Columbia, Mo.

Dr. Millisław Demerec, Director, Department of Genetics, Carnegie Institution of Washington, Cold Spring Harbor, L. I., N. Y.

Dr. Barbara McClintock, Cytogeneticist, Department of Genetics, Carnegie Institution of Washington, Cold Spring Harbor, L. I., N. Y.

**Panel on Virus**

Dr. George P. Berry, Chairman, Professor of Bacteriology, and Associate Professor of Medicine, School of Medicine and Dentistry, University of Rochester, Rochester 7, N. Y.

Prof. Robert G. Green, Professor of Bacteriology and Immunology, University of Minnesota Medical School, Minneapolis 14, Minn.

Dr. Wendell M. Stanley, Member, Rockefeller Institute for Medical Research, Princeton, N. J.

**Division of Chemistry**

Dr. Eric G. Ball, Chairman

**Panel on Cytometry**

Prof. Francis O. Schmitt, Chairman, Head, Department of Biology, Massachusetts Institute of Technology, Cambridge, Mass.

Dr. René J. Dubos, Member, Rockefeller Institute for Medical Research, New York 21, N. Y.

Lieut. Isidore Gersch, Department of Anatomy, Johns Hopkins School of Medicine, Baltimore, Md.

Dr. Oliver H. Lowry, Public Health Research Institute, Foot of East 15th Street, New York 9, N. Y.

**Panel on Enzymes**

Dr. Eric G. Ball, Chairman, Associate Professor of Biological Chemistry, Harvard Medical School, Boston 15, Mass.

Dr. Carl F. Cori, Professor of Pharmacology and Biochemistry, Washington University School of Medicine, St. Louis 10, Mo.

Dr. Joseph S. Fruton, Associate Professor, Physiological Chemistry, Yale University School of Medicine, New Haven 11, Conn.

Dr. Jesse P. Greenstein, Principal Biochemist, U. S. Public Health Service, National Cancer Institute, Bethesda 14, Md.

**Panel on Experimental Endocrine Physiology**

Dr. C. N. H. Long, Chairman, Sterling Professor, Physiological Chemistry, Yale University School of Medicine, New Haven 11, Conn.

Dr. E. R. Astwood, Joseph N. Pratt Diagnostic Hospital, 30 Bennet Street, Boston 11, Mass.

Dr. Edward W. Dempsey, Assistant Professor of Anatomy, Harvard Medical School, Boston 15, Mass.

Dr. F. D. W. Lukens, Assistant Professor of Medicine, University of Pennsylvania Hospital, 3400 Spruce Street, Philadelphia, Pa.

Dr. H. B. van Dyke, Professor of Pharmacology, College of Physicians and Surgeons, Columbia University, 630 West 168th Street, New York 32, N. Y.

**Panel on Nutrition**

Prof. Charles G. King, Chairman, Scientific Director, National Nutrition Foundation, Chrysler Building, New York 17, N. Y.

Prof. Conrad A. Elvehjem, Professor of Biochemistry, University of Wisconsin, Madison 6, Wis.

Dr. H. B. V. Bickel, Biochemist in Charge of Laboratories, Connecticut Agricultural Experiment Station, New Haven, Conn.

Dr. D. Wayne Woolley, Associate, Rockefeller Institute for Medical Research, 66th Street and York Avenue, New York 21, N. Y.

**Panel on Proteins**

Prof. R. Keith Cannan, Chairman, Professor of Chemistry, New York University Medical School, 477 First Avenue, New York 16, N. Y.

Prof. Michael Heidelberger, Associate Professor of Biochemistry, College of Physicians and Surgeons, Columbia University, 630 West 168th Street, New York 32, N. Y.

Prof. J. Murray Luck, Professor of Biochemistry, Stanford University, Stanford University, Calif.

Dr. J. L. Oncley, Assistant Professor of Physical Chemistry, Harvard Medical School, Boston 15, Mass.

**Panel on Synthesis and Metabolism of Steroids**

Dr. Thomas F. Gallagher, Chairman, Associate Professor of Biochemistry, University of Chicago, Chicago 37, Ill.

Dr. Seymour Lieberman, Research Associate, Memorial Hospital, York Avenue at 68th Street, New York 21, N. Y.

Dr. Carl R. Noller, Professor of Chemistry, Stanford University, Stanford, Calif.

Dr. Everett Wallace, Professor of Chemistry (Organic), Princeton University, Princeton, N. J.

Dr. Wilfred W. Westerfeld, Professor of Physiological Chemistry, School of Medicine, Syracuse University, Syracuse, N. Y.

**Division of Clinical Investigations**

Dr. William B. Castle, Chairman

**Panel on Clinical Investigation in Endocrinology**

Dr. Allan Kenyon, Chairman, Associate Professor of Medicine, University of Chicago, Chicago 37, Ill.

Dr. Fuller Albright, Associate Professor of Medicine, Massachusetts General Hospital, Boston 14, Mass.

Dr. Konrad Dobriner, Research Chemist, Memorial Hospital, York Avenue at 68th Street, New York 21, N. Y.
Dr. Robert Lobe, Professor of Medicine, College of Physicians and Surgeons, Columbia University, 630 West 168th Street, New York 32, N. Y.

**Panel on Clinical Physiology of the Blood and Blood Forming Organs**

Dr. William B. Castle, Chairman, Professor of Medicine, Harvard Medical School. Address: Thorndike Memorial Laboratory, Boston City Hospitals, Boston 15, Mass.

Dr. William Bloom, Professor of Anatomy, Department of Anatomy, University of Chicago, Chicago 37, Ill.

Dr. Lloyd F. Craver, Assistant Professor of Clinical Medicine, Cornell University Medical College, New York 21, N. Y.

Dr. Charles A. Doan, Director of Medical and Surgical Research, College of Medicine, Ohio State University, Columbus 10, Ohio.

**Panel on Clinical Physiology of the Female Reproductive Tract**

Dr. George V. Smith, Chairman, Assistant Professor of Gynecology, Harvard Medical School, Boston 15, Mass.

Dr. Earl T. Engle, Professor of Anatomy, College of Physicians and Surgeons, Columbia University, 630 West 168th Street, New York 32, N. Y.

Dr. Fred W. Stewart, Associate Professor of Surgical Pathology, Cornell Medical School, Memorial Hospital, York Avenue at 68th Street, New York 21, N. Y.

Dr. Richard W. Telinde, Professor of Gynecology, Johns Hopkins Hospital, Baltimore, Md.

**Division of Physics**

Prof. J. W. Beams, Chairman

**Panel on Isotopes**

Prof. D. Wright Wilson, Chairman, Professor of Physiological Chemistry, School of Medicine, University of Pennsylvania, Philadelphia 4, Pa.

Dr. Earl A. Evans, Jr., Professor of Biochemistry, University of Chicago, Chicago 37, Ill.

Prof. David M. Greenberg, Professor of Biochemistry, University of California Medical School, Berkeley 4, Calif.

Prof. David Rittenberg, Assistant Professor of Biochemistry, College of Physicians and Surgeons, Columbia University, 630 West 168th Street, New York 32, N. Y.

Dr. Harland G. Wood, Associate Professor of Physiology, University of Minnesota Medical School, Minneapolis 14, Minn.

**Panel on Physics**

Prof. J. W. Beams, Chairman, Professor of Physics, University of Virginia, Charlottesville, Va.

Dr. Paul Aebbersold, Research Division, District Engr. Office, P. O. Box E, Oak Ridge, Tenn.

Dr. L. A. Dubridge, Department of Physics, University of Rochester, Rochester 7, N. Y.

Prof. Harold C. Urey, Professor of Chemistry, University of Chicago, Chicago 37, Ill.

**Panel on Radiology**

Dr. Andrew H. Dowdy, Chairman, Associate Professor of Radiology, University of Rochester, Strong Memorial Hospital, Rochester 7, N. Y.

Dr. Gioacchino Faille, Professor of Radiology and Director, Radiology Research Laboratory, College of Physicians and Surgeons, Columbia University, 630 West 168th Street, New York 32, N. Y.

Mr. L. D. Marinelli, Physicist, Memorial Hospital, York Avenue at 68th Street, New York 21, N. Y.

Dr. Hugh Wilson, Professor of Radiology, Yale University School of Medicine, New Haven 11, Conn.

Dr. Raymond E. Zirkle, Director, Institute of Radiobiology and Biophysics, University of Chicago, Chicago 37, Ill.