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AMERICAN SOCIETY OF HEMATOLOGY
Fifth Annual Meeting
Columbus, Ohio, November 26–27, 1962
Neil House

SUNDAY, NOVEMBER 25
Advance Registration—Neil House—2:00 P.M.—5:00 P.M.
“Mixer” for Members and Guests—Deshler-Hilton Hotel—
7:00 P.M.—9:00 P.M.

MONDAY, NOVEMBER 26
Registration—Neil House—8:00 A.M.—5:00 P.M.

Scientific Session
9:00 A.M.—12:15 P.M.

1. ERYTHROPOIETIN AND THE STATE OF RENAL TISSUE. E. E. Muirhead,* Mary
Kosinski, Frances Jones and E. Reno (Wayne State University,
Detroit, Mich.)

2. RED CELL MASS AND ERYTHROPOIETIN LEVELS IN PATIENTS WITH CHRONIC
LUNG DISEASE, ARTERIAL ANOXEMIA, AND NORMAL HEMATOCRITS,
Robert C. Gallo, William Fraimow, Richard T. Cathcart and
Allan J. Erslev* (Jefferson Medical College, Philadelphia,
Penn.)

3. PROTECTIVE EFFECT OF SHEEP PLASMA ERYTHROPOIETIN AGAINST THE HEMA-
TODEPRESSANT ACTION OF MYELERAN IN INTACT AND SPLENECTOMIZED RATS,
Paul T. Medici, S. J. Piliro* and Josephine Hurst
(St. John’s University Graduate School, Jamaica, N. Y. and New
York Medical College, New York, N. Y.)

4. STUDIES ON THE NATURE OF THE RNA DIRECTING HEMOGLOBIN SYNTHESIS IN
RETICULOCYTES, Edward R. Burka and Paul A. Marks* (Col-
umbia University College of Physicians and Surgeons, New York,
N. Y.)

5. INCORPORATION OF Fe** INTO HETEROGENIC HEMOGLOBINS, Richard D.
Levere and Herbert C. Lichtman* (State University of New
York, Downstate Medical Center, Brooklyn, N. Y.)

6. PRIMAQUINE INDUCED GENERATION OF HYDROGEN PEROXIDE IN ERYTHRO-
CYTES, Gerald Cohen and Paul Hochstein (introduced by George
Hyman*) (Columbia University College of Physicians and Sur-
geons, New York, N. Y.)

*An asterisk following the author’s name indicates membership in the American Society
of Hematology.
FIFTH ANNUAL MEETING

7. PROTECTION OF HEMOGLOBIN FROM OXIDATION IN VITRO BY ERYTHROCYTIC NONHEMOGLOBIN PROTEINS, A. S. Hill, Jr., A. Haut,* G. E. Cartwright and M. M. Wintrobe* (University of Utah College of Medicine, Salt Lake City, Utah)

8. SOME EFFECTS OF ACETYLPHENYLHYDRAZINE ON RED CELL METABOLISM, Jane F. Desforges* and Dalila Simanavicius (Boston City Hospital, Boston, Mass.)

9. A STUDY OF METHEMOGLOBINEMIA DUE TO CONGENITAL DIAPHRAGMASE DEFICIENCY, Madison Cawein,* Charles H. Behlen and E. J. Lappat (University of Kentucky Medical Center, Lexington, Ky.)

10. CHARACTERIZATION OF SULFHYDRL GROUPS IN THE ERYTHROCYTE MEMBRANE, R. I. Weed and C. F. Reed (introduced by Scott N. Swisher*) (University of Rochester School of Medicine, Rochester, N. Y.)

11. CHROMATOGRAPHIC PATTERNS OF HUMAN ERYTHROCYTE CATALASE IN HEMOLYSATES PREPARED FROM NORMAL INDIVIDUALS AND PATIENTS WITH SICKLE CELL ANEMIA, Oscar A. Thorup, Jr.* and Johnson T. Carpenter, Jr. (University of Virginia School of Medicine, Charlottesville, Va.)

12. THE PATHOGENESIS OF ABNORMAL RED CELL FUNCTION IN ACANTHOCYTOSIS, Peter Ways and Ernest R. Simon (introduced by Clement A. Finch*) (University of Washington School of Medicine, Seattle, Wash.)

13. ERYTHROCYTE COMPLEMENT COATING IN THE ACID HEMOLYSIN AND THROMBIN TESTS OF PAROXYSMAL NOCTURNAL HEMOGLOBINURIA, David E. Jenkins, Jr., William N. Christenson* and Ralph L. Engle, Jr.* (The New York Hospital-Cornell Medical Center, New York, N. Y.)

MONDAY, NOVEMBER 26
DISTINGUISHED LECTURE
1:30 P.M.

The Regulation and Transfer of Biological Information
Wendell M. Stanley
Chairman, Department of Virology
Director, Virus Laboratory
University of California
Berkeley, Calif.

Scientific Session
2:30 P.M.–5:30 P.M.

1. GENETIC BASIS FOR FOUR DIFFERENT TYPES OF “IDIOPATHIC AGAMMAGLOBULINEMIA,” Hugh Fudenberg,* J. F. Heremans and E. C. Franklin (University of California, San Francisco, Calif.)

2. DNA AND RNA SYNTHESIS OF MARROW CELLS OF NORMAL SUBJECTS AND
PATIENTS WITH PLASMOCYITIC DISORDERS, Jakob R. Schmid, Joseph M. Kiely,* Charles A. Owen, Jr.* and W. Newlon Tauxe (Mayo Clinic and Mayo Foundation, Rochester, Minn.)

3. STUDIES ON THE BIOLOGICAL ACTIVITIES OF PLASMA CELLS: PROTEIN SYNTHESIS AND PHAGOCYTIC ACTIVITY AS DEMONSTRATED BY ELECTRON MICROSCOPY, Richard A. Rifkind (introduced by Paul A. Marks*) (Columbia University College of Physicians and Surgeons, New York, N. Y.)

4. IMMUNOLOGICAL AND CLINICAL VARIANTS OF PRIMARY MACROGLOBULINEMIA (WALDENSTRÖM), Stephan E. Ritzmann* and William C. Levin (University of Texas Medical Branch, Galveston, Texas)

5. A MORE SENSITIVE COOMBS' TEST?, Barrie Hiern and Charles C. Sprague* (Tulane University School of Medicine, New Orleans, La.)

6. THE DISAPPEARANCE RATE OF FACTOR VII FOLLOWING EXCHANGE TRANSFUSION, George C. Hoffman,* James S. Hewlett* and Mary M. Potter (The Cleveland Clinic Foundation, Cleveland, Ohio)

7. THE IN VIVO BEHAVIOUR OF SPECIFIC ERYTHROCYTE ANTIBODIES IN MAN, Nicholas V. Costea,* M. Constantoulakis and Robert Schwartz* (Pratt Clinic-New England Center Hospital and Tufts University School of Medicine, Boston, Mass.)

8. EVIDENCE OF A MYELOINHIBITORY FACTOR IN THE SPLEEN, W. H. Crosby* and F. Ruiz (Walter Reed Army Medical Center, Washington, D. C.)

9. MECHANICAL AND PROBABLE HUMORAL FUNCTIONS OF THE NORMAL CANINE SPLEEN, Mortimer Lorber* (Georgetown University School of Medicine, Washington, D. C.)

10. A RECENT ADVANCE: DIAGNOSTIC PHOTOSCANNING OF THE SPLEEN UTILIZING MERCURY197 IN HEMATOLOGIC DISORDERS, D. Bruce Sodee* (Walter Reed Army Medical Center, Washington, D. C.)

11. HEMATOLOGICAL CHANGES IN MINIATURE SWINE INGESTING Sr8° DAILY, R. O. McClellan, G. S. Vogt and F. F. Hahn (introduced by M. L. Ingram*) (Hanford Laboratories, General Electric Company, Richland, Wash.)

12. RECOVERY OF HEMOPOIESIS IN THE SPLEEN AND BONE MARROW OF RATS DURING CONTINUOUS GAMMA-IRRADIATION, Charles E. Brambel,* Frances D. Brambel and George Brecher* (University of Notre Dame, Notre Dame, Indiana and National Institutes of Health, Bethesda, Md.)

MONDAY, NOVEMBER 26
Banquet—Neil House, Ballroom
Cocktails, 7:15 P.M.—Dinner, 8:00 P.M.

TUESDAY, NOVEMBER 27
Registration—Neil House—8:00 A.M.–12:00 noon
Scientific Session
9:00 A.M.–12:15 P.M.

1. Studies on Thrombocytes of lower vertebrates, Jessica H. Lewis* and Mitsuru Shirakawa (University of Pittsburgh School of Medicine, Pittsburgh, Penna.)

2. The in Vitro Incorporation of Radiophosphorus into the Phosphatides of Normal Human Platelets, M. P. Westerman and W. N. Jensen* (University of Pittsburgh School of Medicine, Pittsburgh, Penna.)

3. A Study of the Platelet-Plasma Interaction in Thrombocytopenia: The Significance of Altered Platelet Potassium Release, Stanley L. Leithold,* Harold M. Schoolman and Irving A. Friedman* (Veterans Administration Hospital, Hines, Ill.)

4. The Serotonin Test for the Detection of Anti-Platelet Antibodies, J. Bridges, C. Fichera and M. Baldini* (Pratt Clinic-New England Center Hospital and Tufts University School of Medicine, Boston, Mass.)


7. The Fate of the Platelet and Platelet Survival, J. F. Mustard,* G. A. Robinson, E. A. Murphy, R. Herst and H. C. Rowsell (University of Toronto, Toronto, Ont., Ontario Veterinary College, Guelph, Ont., and Sunnybrook Hospital, Toronto, Ont.)

8. Platelet Function Defects with Bleeding as Early Manifestations of Acute Leukemia, Irving A. Friedman,* Stanley L. Leithold* and Steven O. Schwartz* (Hektoen Institute for Medical Research of the Cook County Hospital, Chicago Medical School and Northwestern University Medical School, Chicago, Ill.)

9. Recurrent Acute Idiopathic Thrombocytopenic Purpura, Shirley Ebbe* and William Dameshek* (Pratt Clinic-New England Center Hospital and Tufts University School of Medicine, Boston, Mass.)

10. Inactivation of Pathological Antithromboplastins by “Thromboplastin” Urine Fraction, K. N. von Kaulla* and E. von Kaulla (University of Colorado School of Medicine, Denver, Colo.)

11. Classical Hemophilia and von Willebrand’s Disease with Anti-Hemophilic Factor (AHF) Deficiency in the Same Family, Mario T. Geiger and Charles E. Rath* (Georgetown University Hospital, Washington, D. C.)

12. Long Term Plasma and Total Body Co$^{57}$ B$\text{12}$ Turnover, Charles A. Hall* (Veterans Administration Hospital and Albany Medical College, Albany, N. Y.)
13. The Clinical Significance of the Formation of Ammonia in Shed Whole Blood, Barry A. Tobe and Donald Wood (introduced by Arthur H. Squires*) (University of Toronto, Toronto, Ont.)

Tuesday, November 27
Annual Business Meeting—Neil House—1:30 P.M.—2:00 P.M.

Scientific Session
2:00 P.M.—5:30 P.M.

1. Proliferation and Movement of Lymphoid Cells in Normal Animals, Charles G. Craddock* and George S. Nakai (University of California School of Medicine and Veterans Administration Center, Los Angeles, Calif.)

2. Leukokinetic Studies in Chronic Myelocytic Leukemia (CML) Using Radioactive Diisopropylfluorophosphate (DFP32), S. O. Raab, J. W. Athens, O. P. Haab, D. R. Boggs, G. E. Cartwright and M. M. Wintrobe* (University of Utah College of Medicine, Salt Lake City, Utah)

3. Patterns of Recovery from Drug Induced Bone Marrow Damage, Anthony V. Pisciotta,* Charlotte Keller, John L. Callaghan and Joyce Kaldahl (Marquette University School of Medicine and Milwaukee County Hospital, Milwaukee, Wis.)

4. The Macrophages in Cell Cultures of Normal Human Peripheral Blood, Lawrence Berman* (Wayne State University College of Medicine, Detroit, Mich.)

5. Studies on Thymectomized Hamsters, Joseph D. Sherman, Marvin M. Adner and William Dameshek* (Pratt Clinic-New England Center Hospital, and Tufts University School of Medicine, Boston, Mass.)

6. Abnormal Leukocyte Response in Alcoholism, William McFarland* and Eugene P. Libre (Georgetown University School of Medicine and Veterans Administration Hospital, Washington, D.C.)

7. Studies of the Binding of I131 Labeled Anti-D by Leukocytes, Arthur E. Barnes,* Hernando Sarasti and Wallace N. Jensen* (University of Pittsburgh School of Medicine, Pittsburgh, Penna.)

8. Cytologic Studies on Specific Immunocytolysis of Human Leukemic and Tumor Cells, Sergio de Carvalho* (Doctors Hospital and Cancer Research Laboratory, Rand Development Corp., Cleveland, Ohio)

9. The Neoplastic Lymphocyte as an Antibody Carrier in Chronic Lymphocytic Leukemia, Jerome I. Brody* and Lawrence H. Beizer* (University of Pennsylvania Graduate School of Medicine and Graduate Hospital, Philadelphia, Penna.)

10. Chromosome Studies in Chronic Granulocytic Leukemia of Childhood, Leonard E. Reisman and Jose M. Trujillo (introduced by
Ernest Beutler*) (City of Hope Medical Center, Duarte, Calif.)

11. Combination Studies with Methylglyoxal Bis (Guanylylhydrazone), Vinblastine and 2 Chloro 4′4″ Bis (Imidazolyl) Terephthal-anilide and Its Analogues, Joseph H. Burchenal,¹ J. R. Purple, E. Bucholz and W. Kreis (Sloan-Kettering Institute and Cornell University Medical College, New York, N. Y.)


TO BE READ BY TITLE ONLY

1. Activity and Fine Structure of the Spherule Cells of Echinoderms: A Study in Comparative Hematology, Warren Andrew*) (Indiana University, Indianapolis, Ind.)

2. A New Variant of Hemoglobin A₂ and Its Segregation in a Family with Hemoglobin S, Thomas B. Bradley, Jr., Helen M. Ranney* and Alan S. Jacobs (Seton Hall College of Medicine and Dentistry, Jersey City, N. J., and Albert Einstein College of Medicine and Bronx Municipal Hospital Center, New York, N. Y.)

3. Hemosiderosis of the Spleen in the Newborn, Bernard Czernobilsyky and Abraham M. Frumin* (Woman's Medical College of Pennsylvania, Philadelphia, Penna.)

4. Heinz Body Formation in Blood of Adults and Premature Infants, Jane F. Desforges* and Adelaide Borges (Boston City Hospital, Boston, Mass.)

5. Magnesium in Hemolytic Disease, Marion E. Erlandson*, Jacqueline Wehman, Jules Golubow and Carl H. Smith* (The New York Hospital-Cornell Medical Center, New York, N. Y.)


7. Macroglobulin Characterization and Dissociation: Evaluation of Experimental Therapy in Macroglobulinemia, Joseph M. Hill*, Ellen Loeb, Morton D. Prager* and Margaret Goerner (Wadley Research Institute and Blood Bank, Dallas, Texas)


9. Preparation of a Water Insoluble Thrombin, Qamar Zafar Hussain and Thomas F. Newcomb* (University of Florida College of Medicine, Gainesville, Fla.)

10. Liver Function Tests in PNH: Effect of Androgen Therapy, Joseph A. King and Robert C. Hartmann* (Vanderbilt University School of Medicine and Hospital, Nashville, Tenn.)
11. ATP Metabolism in Hereditary Nonspherocytic Hemolytic Anemia Due to Glucose-6-Phosphate Dehydrogenase Deficiency, Daniel N. Mohler* (University of Virginia School of Medicine, Charlottesville, Va.)


14. Genetic and Biochemical Aspects of Sickle Cell Dactylitis, W. G. Thurman* and W. Lorraine Watkins (Emory University School of Medicine, Atlanta, Ga.)

15. Virus-Like Particles in Leukemic Lymphocytes, Dorothea Zucker-Franklin (introduced by Theodore H. Spaet*) (New York University School of Medicine, New York, N. Y.)