AMERICAN SOCIETY OF HEMATOLOGY
Fourth Annual Meeting
Los Angeles, Calif., November 27-28, 1961
Ambassador Hotel

SUNDAY, NOVEMBER 26
Advance Registration—Ambassador Hotel—2:00–5:00 p.m.

MONDAY, NOVEMBER 27
Registration—Ambassador Hotel—from 8:00 a.m.

SCIENTIFIC SESSION—9:00 a.m.

1. Studies of the Process of Intestinal Iron Absorption in Rats, Elmer B. Brown and Mary Rother (Washington University, St. Louis, Mo.)

2. Studies on Effective Erythropoiesis in Man: 'Low-Output' Patterns of Erythropoietic Failure, A. J. Samuels (University of California Medical Center and Cedars of Lebanon/Mt. Sinai Hospitals, Los Angeles, Calif.)

3. Erythroblast Maturation in Bone-Marrow Cultures: Effect of Erythropoietin, Edward R. Pausner and Lawrence Berman (Veterans' Administration Hospital, Dearborn, and Wayne State University College of Medicine, Detroit, Mich.)

4. An Evaluation of the Measurement of Red-Cell Survival with Disopropylfluorophosphate-P32 (DFP32), Martin J. Cline and Nathaniel I. Berlin (National Cancer Institute, National Institutes of Health, Bethesda, Md.)

5. A Quantitative Radioactive Antiglobulin Test, Nicholas Costea, Robert Schwartz, Matthew Constantoulakis and William Dameshek (New England Center Hospital and Tufts University School of Medicine, Boston, Mass.)

6. Current Status of the Hereditary Human Gamma-Globulin Groups, Hugh Fudenberg (University of California School of Medicine, San Francisco, Calif.)

7. Chromosome Studies in Hematology, John F. Jackson (Sponsored by Charles C. Sprague.) (Tulane University School of Medicine, New Orleans, La.)

8. A Simple Method for Detection of Erythrocyte Glucose-6-Phosphate Dehydrogenase (G-6-PD) Deficiency, Virgil F. Fairbanks and Ernest Beutler (City of Hope Medical Center, Duarte, Calif.)

9. The Reduction of Methemoglobin in Normal, Glucose-6-Phosphate Dehydrogenase Deficient, and Congenital Methemoglobin-
MIA ERYTHROCYTES, Ernest R. Jaffé (Albert Einstein College of Medicine, New York, N. Y.)

10. PYRUVATE KINASE (PK) DEFICIENCY: HEREDITARY NONSpherocytic Hemolytic Anemia, Kouichi R. Tanaka, William N. Valentine and Shiro Miwa (University of California Medical Center and Wadsworth Hospital, Los Angeles, Calif.)

11. AN ABNORMAL FETAL HEMOGLOBIN PROBABLY BASED UPON AN α CHAIN ABNORMALITY, Helen M. Ranney and Cathleen O’Brien (Albert Einstein College of Medicine, New York, and University of Vermont, Burlington, Vt.)

12. FORMATION OF DIFFERENT HEMOGLOBINS IN TISSUE CULTURE OF HUMAN BONE MARROW TREATED WITH HUMAN DEOXYRIBONUCLEIC ACID, Lorraine M. Kraus (University of Tennessee Medical Units, Memphis, Tenn.)

13. ABNORMALITIES OF THE IMMUNE RESPONSE IN CHILDREN WITH HEMOGLOBINOPATHIES, William C. Thurman (Sponsored by Charles C. Sprague.) (Emory University School of Medicine, Atlanta, Ga.)


15. CORRELATION BETWEEN SERUM FOLIC-ACID ACTIVITY AND RESPONSE TO ANTIFOLATE THERAPY, Barth Hoogstraten, Herman Baker, and Peter Reizenstein (The Mount Sinai Hospital, New York, and The Brookhaven National Laboratory, Upton, N. Y.)

16. THE ASSAY OF WARFARIN AND ITS BIOLOGIC APPLICATION, R. A. O'Reilly, P. M. Aggeler, M. S. Hoag and L. Leong (Children's Hospital, San Francisco, Calif.)

17. ROLE OF AC-GLOBULIN IN PROTHROMBIN ACTIVATION, Walter H. Seegers and Ricardo H. Landaburu, (Wayne State University College of Medicine, Detroit, Mich.)

MONDAY, NOVEMBER 27, 1961

SYMPOSIUM—2:00–5:30 p.m.

LEUKOCYTIC ENERGIES

Moderator: John W. Rebuck, Detroit, Mich.


2. PROFIBRINOLYSIN LOCALIZATION IN THE EOSINOPHILIC SERIES, Marion I. Barnhart, Detroit, Mich.

3. THE ROLE OF BASOPHILIC GRANULOCYTES IN NONMALIGNANT DISEASE, John W. Rebuck, Detroit, Mich.

4. ROLE OF THE LYMPHOCYTE IN DELAYED HYPERSENSITIVITY AND TRANS-
PLANTATION IMMUNITY, Joseph D. Feldman, La Jolla, Calif.

5. OBSERVATIONS IN DIFFUSION CHAMBERS ON THE RELATION OF MONONUCLEAR LEUKOCYTES OF BLOOD TO CONNECTIVE AND HEMATOPOIETIC TISSUES, Nicholas L. Petrakis, San Francisco, Calif.

6. PARTICIPATION OF BASOPHILS IN INFLAMMATION, Earl P. Benditt, Seattle, Wash.

EVENING PROGRAM

California Luau (Informal), Ambassador Hotel—from 6:30 p.m.

TUESDAY, NOVEMBER 28

SCIENTIFIC SESSION—9:00 a.m.

1. MECHANISMS REGULATING LEUCOCYTE RELEASE FROM PERFUSED FEMURS, Albert S. Gordon, Burton S. Dornfest, Joseph LoBue, Eugene S. Handler and Henry Quastler (New York University, N. Y., and The Brookhaven National Laboratory, Upton, N. Y.)

2. LEUKAPHERESIS OF LEUKEMIC PATIENTS, Howard R. Bierman, Grace I. Marshall, Keith H. Kelly and Ralph L. Byron (Institute for Cancer and Blood Research, Beverly Hills, Calif.)

3. THE EFFECT OF PHYTOHEMAGGLUTININ ON LEUKOCYTE CULTURES, O. Ross McIntyre and Franklin G. Ebaugh, Jr. (Dartmouth Medical School and Hitchcock Clinic, Hanover, N. H.)

4. COMPARISON OF CELL RENEWAL IN NORMAL AND LEUKEMIC STATES, Alberto Monti, Mary A. Maloney, Charlotte L. Weber and Harvey M. Patt (Sponsored by Steven O. Schwartz.) (Argonne National Laboratory and Cook County Hospital, Chicago, Ill.)

5. IN VITRO DNA SYNTHESIS BY HUMAN MARROW CELLS, Clarence P. Altrey, Joseph M. Kiely, W. Newlon Tauxe and Charles A. Owen, Jr. (Mayo Clinic and Mayo Foundation, Rochester, Minn.)

6. PHAGOCYTIC RETICULAR CELLS AND THEIR RELATION TO FATE AND FUNCTION OF SMALL LYMPHOCYTES IN GUINEA-PIG BONE MARROW, Dennis G. Osmond and N. B. Everett (Paper to be read by Dr. Everett.) (University of Washington, Seattle, Wash.)

7. FACTORS INFLUENCING THE FORMATION OF LE CELLS, Earl N. Metz and John Laszlo (Duke University Medical Center, Durham, N. C.)

8. SOME METABOLIC EFFECTS OF ANTILEUKOCYTE SERUM, Julius Kritzman and John McCarthy, (The Boston Dispensary, Boston, Mass.)

9. DEMONSTRATION OF TISSUE ANTIGENS IN RABBIT BLOOD PLATELETS, Shirley Ebbe and Mario Baldini (New England Center Hospital and Tufts University School of Medicine, Boston, Mass.)

11. **PLATELET RESPONSE TO NATURAL AND FOREIGN AGENTS**, T. T. Odell, Jr., T. P. McDonald, T. C. Detwiler and F. L. Howsden (Oak Ridge National Laboratory, Oak Ridge, Tenn.)

12. **STUDIES ON THE PLATELET INCREASE INDUCED BY CITROVORUM FACTOR**, Donald M. Hayes, Charles L. Spurr, and William B. Deskins (Bowman Gray School of Medicine and the North Carolina Baptist Hospital, Winston-Salem, N. C.)

13. **AN ELECTRON MICROSCOPIC STUDY OF IN VIVO PRIMARY THROMBUS FORMATION**, H. Cottier, B. Ross, H. Rentsch and E. P. Cronkite (University of Berne, Switzerland, and The Brookhaven National Laboratory, Upton, N. Y.)

14. **HEREDOFAMILIAL DEFICIENCIES OF COAGULATION FACTORS VII AND X ASSOCIATED WITH CAROTID-BODY TUMORS**, Arthur Kroll, Liberto Pechet, Benjamin Alexander and Frances Cochios (Beth Israel Hospital and Harvard Medical School, Boston, Mass.)

15. **PLASMA THROMBOPLASTIN ANTECEDENT DEFICIENCY ASSOCIATED WITH A UNIQUE TISSUE DISORDER**, Robert L. Wall, Dante Scarpelli, William Molnar and Charles Coltman (University Hospital, Columbus, Ohio)

**TUESDAY, NOVEMBER 28, 1961**

**ANNUAL BUSINESS MEETING—1:45–2:30 p.m.**

**SYMPOSIUM—2:30–5:30 p.m.**

**SOME ASPECTS OF BONE-MARROW FAILURE**

**Moderator:** Frank H. Gardner, Boston, Mass.


2. **BONE-MARROW PANHYPOPLASIA IN HUMANS EXPERIMENTALLY INDUCED BY VIRAL INFECTION**, Donald L. Howie, Washington, D. C.

3. **ERYTHROPOIESIS AND ERYTHROPOIETINE IN CHRONIC BONE-MARROW FAILURE**, Frederick Stohlman, Bethesda, Md.


Panel Discussion, with audience participation

**TO BE READ IF TIME PERMITS**

1. **A SIMPLE METHOD FOR QUANTITATION OF A2 HEMOGLOBIN FRACTION**, Ruth
S. Hoffman and Charles C. Sprague (Tulane University School of Medicine, New Orleans, La.)

2. PLATELET LABELING WITH CR$^{51}$ FOR LIFE-SPAN DETERMINATION, Robert C. Brown, W. Newlon Tauxe, and Albert B. Hagedorn (Mayo Clinic and Mayo Foundation, Rochester, Minn.)

3. ENZYMATIC FIBRINOLYSIS INDUCED IN HUMAN BLOOD BY SYNTHETIC HYDROTROPIC COMPOUNDS, K. N. von Kaulla (University of Colorado School of Medicine and Belle Bonfils Memorial Blood Bank, Denver, Col.)

4. COMBINED THERAPY OF AGNOCYTIC MYELOID METAPLASIA WITH TESTOSTERONE, BUSULFAN, AND PREDNISONE, Richard T. Silver, David E. Jenkins, Jr. and Ralph L. Engle, Jr. (New York Hospital-Cornell Medical Center, New York, N. Y.)

5. THE EFFECTS OF BLOOD pH ON TRANSPORT OF BILIRUBIN, Arthur Sawitsky and Eli Seifter (Long Island Jewish Hospital, New Hyde Park, N. Y.)

6. MECHANISM OF THE IMMUNOHEMATOLOGIC EFFECT OF PAPAINE AND RELATED ENZYMES, Morton D. Prager and Klara Efron (Wadley Research Institute and Blood Bank, Dallas, Texas.)

7. SUSCEPTIBILITY TO IMMUNE HEMOLYSIS AS RELATED TO THE AGE OF HUMAN AND DOG RED BLOOD CELLS, Robert C. Griggs and John W. Harris (Western Reserve University School of Medicine, Cleveland, Ohio)

8. THE DISAPPEARANCE OF INTRAVENOUSLY INJECTED RADIOACTIVE VITAMIN B$_{12}$ IN PERNICIOUS ANEMIA IN RELAPSE AND IN REMISSION, Eugene A. Brody, Solomon Estren and Louis R. Wasserman (The Mount Sinai Hospital, New York, N. Y.)

9. THE IMMUNOLOGIC PROPERTIES OF HUMAN HEMOGLOBIN, Paul Heller, Vincent J. Yakulis and Aaron M. Josephson (University of Illinois College of Medicine, Chicago, Ill.)

10. INTERACTING THALASSEMIA WITH NORMAL A$_2$ HEMOGLOBIN AND ELEVATED OR NORMAL FETAL HEMOGLOBIN LEVELS, James A. Wolff (College of Physicians and Surgeons, Columbia University, New York, N. Y.)

11. ESTIMATION OF HEPARIN LEVELS IN STORED AND TRAUMATIZED BLOOD, Herbert A. Perkins, D. J. Acra and Mary R. Rolfs (Irwin Memorial Blood Bank of the San Francisco Medical Society, San Francisco, Calif.)

12. HEMATOLOGICAL REMISSIONS IN ACUTE LEUKEMIA WITH CYCLOPHOSPHAMIDE, Charlotte T. C. Tan, Jane Phoa, Margaret Lyman, M. Lois Murphy, Harold W. Dargeon and Joseph H. Burchenal (Sloan-Kettering Institute and Memorial Sloan-Kettering Cancer Center, New York, N. Y.)
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