AMERICAN SOCIETY OF HEMATOLOGY
2nd ANNUAL MEETING
St. Louis, Missouri, November 22-24, 1959
Chase-Park Plaza Hotel

SUNDAY, NOVEMBER 22

Advance Registration—Chase-Park Plaza Hotel
3:00-5:00 p.m.
Reception and Buffet Supper—St. Louis Art Museum
6:00-9:30 p.m.

MONDAY, NOVEMBER 23

Morning Session, 9:00 a.m.—12:00 noon
Antibody Synthesis. Chairman, Dr. Herman Eisen

THE ACQUISITION OF IMMUNOLOGIC SPECIFICITY, Dr. Fred Karush
“SELECTION” VERSUS “INSTRUCTION” IN THE SYNTHESIS OF ANTIBODIES, Dr. David W. Talmage
ANTIBODY PRODUCTION BY SINGLE CELLS, Dr. Edwin S. Lennox
STUDIES ON ANTIBODY SYNTHESIS, Dr. Albert Coons
IMMUNE TOLERANCE AND AUTOIMMUNE DISEASE, Dr. Rupert E. Billingham

Afternoon Session, 1:30–4:30 p.m.

Etiologic Factors in Leukemia. Chairman, Dr. Jacob Furth

VIRAL ETIOLOGY, Dr. Joseph Beard
Designated Discussants: Dr. Ludwik Gross, Dr. Steven Schwartz
RADIATION ETIOLOGY, Dr. Eugene Cronkite
Designated Discussants: Dr. George Sacher, Dr. Robert Heyssel
CHEMICAL AND HORMONAL FACTORS, Dr. George Wooley
Designated Discussants: Dr. John Trentin, Dr. Philip Shubik
GENETIC FACTORS, Dr. L. W. Law
Designated Discussants: Dr. Arthur Steinberg, Dr. Michael B. Shimkin

4:30–5:30 p.m.
Annual Business Meeting of the Society
and Election of Officers
TUESDAY, NOVEMBER 24

Morning Session, 8:30 a.m.–12:30 p.m.

The Threshold Dose of $^{32}$P for Leukemic Cells of the Lymphocytic and Granulocytic Series, Edwin E. Osgood

Prognosis of Leukemic Patients with Radioresistant Lymphocytes, Robert Schrek, Stanley L. Leithold, Irving A. Friedman

A Study of $N$-[(L-Naphthyl)-ethylenediamine Purine Complexes in Normal and Leukemic Urine, G. Watson James III and Donald Seim

Cytochemical Studies of RNA Metabolism in Bone Marrow Cells, L. Feinendegen, V. P. Bond, E. P. Cronkite

Cellular Xanthine Oxidase and Uricase Levels in Leukemic and Normal Mouse Leukocytes, John E. Ulmann and Philip Feigelson

Ribonucleoprotein Particles from Nuclei of Calf Thymus Lymphocytes, John H. Frenster, Vincent G. Allfrey, Alfred E. Mirsky

Isolation, Purification, Properties of Alkaline Phosphatase from Human Leukocytes, Sidney Trubowitz

The In-vivo Transformation of Human Leukocytes into Histioocytes, Fibroblasts, and Fat Cells in Subcutaneous Diffusion Chambers, Nicholas L. Petrakis, Mary Davis, Salvatore P. Lucia

In-vitro Synthesis of Fetal and Adult Hemoglobin by Fetal Hematopoietic Tissues, William B. Greenough III, Harry L. Lochte, Jr., E. Donnell Thomas

Erythroblast Maturation in Human Bone Marrow Cultures; Correlation of Radioactive Hemin Formation with Morphologic Alterations, Edward R. Powsner and Lawrence Berman

Behavior of Mitochondria during Mitosis and Denucleation of Erythroblasts, Oliver P. Jones

The Reduced Glutathione (GSH) Content of Leukocytes in Various Hematologic Diseases, Anthony V. Pisciotta and Mary Daly

Megaloblastoid Anemia of the Induced "Thymine-less" State (Observations during 5-Fluorouracil Treatment, M. J. Vrennan, V. K. Vaitkevicius, J. W. Reubuck


Correlation between Clinical Status and Arterial Oxygen Unsaturation in Sickle Cell Anemia, Donald L. Rucknagel and Carl J. Witkop, Jr.

Properties of Hemoglobin H Leading to Decreased Erythrocyte Survival; the Benefit of Splenectomy, Demetrios A. Rigas and Robert D. Koler
Afternoon Session, 2:00 p.m.—6:00 p.m.

Studies on “Secondary Disease” in X-irradiated Rabbits Transfused with Homologous Bone Marrow, Sergio Piomelli and Marcus S. Brooke

Quantitative Alterations of Different Marrow Cell Types in the Rat following 800 r Total Body Gamma Irradiation with and without Intravenous Rat Bone Marrow Therapy, R. J. McAlpine (with the collaboration of R. A. Fisk, J. Finzel, J. Peters)

AutoLOGous Bone Marrow Transplantation in Human Receiving Nitrogen Mustard via Total Body Perfusion, Charles C. Sprague and W. J. Stuckey, Jr.

Transplantation of Bone Marrow; Factors Influencing Acceptance of the Transplant, Alberto P. Cristoffanini, Earl V. Long, Leandro M. Tocantins

The Treatment of Aplastic Anemia with Bone Marrow Infusions, Robert Schwartz, D. K. Misra, Herman Oliner, William Dameshek

Testosterone-Induced Remission in Aplastic Anemia, Louis K. Diamond

Aplastic Anemia Treated with Prednisone, Thyroid, Testosterone and Growth Hormone, Charles M. Huguley, Jr.

Separation of Factor VII, Stuart Factor and PTC from Prothrombin and Studies of Their Action in Prothrombin Conversion, Robert Goldstein and Estelle B. Zonderman

Canine Hemophilia B, J. F. Mustard, H. G. Downie, T. O. Hoeksema, H. C. Rousell

The Thrombolytic Activity of Human Plasma, William D. Sawyer

The Lipids of Human Erythrocytes and Platelets and their Effects on Thromboplastin Formation, P. Barkhan and M. J. Silver

Evidence for a Qualitative Platelet Defect in Uremia, Mario T. Geiger, Jane M. Sander, Charles E. Rath

Platelets and Platelet Phosphatides in Uremia, Aaron J. Marcus, Gerald Altschuler, Harris L. Ullman

Viability of Stored Human Platelets, Mario Baldini and Nicholas Costea

Splenectomy and Immunity, G. Thurman

A Study of Antisera Prepared against Protein Substances Eluted from Normal and Sensitized Red Blood Cells, Hugh Chaplin, Jr. and M. Cassell

The scientific meetings are open to all interested physicians and scientists irrespective of membership or nonmembership in the society.