

losis—Experimental”; W. W. Spink, “Chemotherapy of Brucellosis—Clinical.”

CANCER

Gray H. Twombly, Chairman; W. H. Summerson, Vice-Chairman

August 30 The Finer Anatomy and Chemistry of the Cell. F. O. Schmitt, “Electron Microscope Observations of Certain Tissue Constituents”; Keith R. Porter, “Observations on the Fine Structure of Normal and Malignant Cells”; Arthur W. Pollister, “Chemical Composition of Chromosomes”; Edwin H. Land, “A New Color-Translation Ultraviolet Microscope”; Robert Mellors, “Applications of the Ultraviolet Microscope to the Study of the Cell.”

August 31 Hormones and Cancer. William U. Gardner, “Studies on Hormonal Imbalances in Experimental Carcinogenesis”; C. W. Hooker, “Testicular Tumors in Mice, Experimental Production and Modification”; Leo T. Samuels, “Relationship of Milk Factor to Hormones”; Konrad Dobriner, “The Excretion of Steroids in Health and Disease.”

September 1 Enzymes in Cancer. Van R. Potter, “Metabolic Pathways in Cancer Tissue”; Jesse P. Green-

stein, “Protein Metabolic Systems in Tumors”; Roy Hertz, “Competitive Inhibition of Growth-promoting Effects of Vitamins and Hormones”; J. A. Miller and E. C. Miller, “Studies on the Role of Protein-bound Dyes in Carcinogenesis by the Aminoazo Dyes.”

September 2 Isotopes as a Tool in Cancer Research. Paul C. Aebersold, “Some Isotopes of Use in Cancer Research—Their Properties, Limitations, and Availability”; G. Failla, “Problems of Protection in the Use of Radioactive Isotopes for Cancer Research”; Paul F. Hahn, “Treatment of Neoplasms by the Direct Infiltration of Radioactive Colloidal Metallic Gold”; Victor Lorber, “Some Aspects of Carbohydrate Metabolism Studied in the Intact Animal With the Aid of Carbon Isotopes”; Charles Heidelberger, “The Metabolism in the Mouse of Dibenanthracene 9,10-C¹⁴”; D. Pressman, “The Zone of Activity of Antibodies as Determined by the Use of Radioactive Tracers.”

September 3 Chemotherapy of Cancer. Joseph H. Burchenal, “The Chemotherapy of Leucemia”; Howard E. Skipper, Carl E. Bryan, and Anne Stelzenmuller, “Carbamates in the Chemotherapy of Leucemia”; Abraham Goldin, Benjamin H. Landing, and Daniel M. Shapiro, “The Effect of Nitrogen Mustard Analogs on Tumor Growth.”

Association Affairs

Southwestern Division, AAAS

The executive secretary-treasurer, Frank E. E. Germann, reports in a recent letter to members of the Division that the date for the Las Vegas meeting has been set for May 3-6, the meeting of the Executive Committee being held on Sunday evening, May 2. Abstracts of papers to be presented at this meeting should be in the hands of section secretaries not later than April 5. All correspondence regarding the meeting should be addressed to R. A. Studhalter, Texas Technological College, Lubbock, Texas, secretary for the 1948 meeting.

In addition to Dr. Germann, officers of the Division are F. H. Douglas, Denver Art Museum, president, and Ernst Antevs, Globe, Arizona, vice-president. Elected members of the Executive Committee in-

clude E. W. Haury (1948), University of Arizona; H. O. Smith (1948), New Mexico State College; W. M. Craig (1949), Texas Technological College; H. P. Mera (1950), Santa Fe, New Mexico; and Edna L. Johnson (1950), University of Colorado. Section chairmen and secretaries are, respectively: *Biological Sciences*—Edna L. Johnson, University of Colorado, and Fred Emerson, New Mexico Highlands University, Las Vegas; *Mathematical Sciences*—Emmett Hazlewood, Texas Technological College, and H. D. Larsen, University of New Mexico, Albuquerque; *Physical Sciences*—O. B. Muench, New Mexico Highlands University, and A. R. Ronzio, Los Alamos; *Social Sciences*—F. H. Douglas, Denver Art Museum, and W. W. Postlethwaite, Colorado College, Colorado Springs.

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AAAS
Centennial Celebration
Washington, D. C.
September 13-17, 1948
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