Contents

775 Nucleolar Proteins of Rat Liver and Walker Tumor. Donald E. Grogan, Raoul Desjardins, and Harris Busch.

780 Effects of Actinomycin D on Base Composition and Nearest Neighbor Frequency of Nucleolar RNA of the Walker Tumor and Liver. Tae Suk Ro, K. Shankar Narayan, and Harris Busch.


797 Growth-promoting Effect of Acid Mucopolysaccharides on Ehrlich Ascites Tumor. Jun Takeuchi.

803 Replication of Gross Leukemia Virus in Long-Term Cultures of Rat Thymomas: Bioassay and Electron Microscopy. Harry L. Itochim, Leonard Berwick, and Jacob Firth.


822 Effect of Intraperitoneal Injections of 3’-Methyl-4-dimethylaminobenzene on Adenylic Acid Deaminase Activity and Nuclear Ribonucleic Acid Metabolism of Rat Liver. Donald E. Kizer, Boyd A. Howell, B. C. Shirley, Joseph A. Clouse, and Bettye Cox.

829 Effect of Hypophysectomy on the Changes in Adenylic Acid Deaminase Activity and Nuclear Ribonucleic Acid Metabolism of Rat Liver Caused by 3’-Methyl-4-dimethylaminobenzene Injections. Donald E. Kizer, Boyd A. Howell, Joseph A. Clouse, Darlene D. Jester, and Bettye Cox.


844 Oncogenic Studies on the Mongolian Gerbil. Alfred H. Handler, Sergio I. Magalini, and Denise Pav.

848 The Antileukemic Effectiveness of 5-Fluorouracil and Methotrexate in the Combination Chemotherapy of Advanced Leukemia L1210 in Mice. Ira Klime, John M. Venditti, J. A. R. Mead, Denis D. Tyrer, and Abraham Goldin.


860 Augmentation of Mammary Tumors in Castrated Obese C3H Mice. S. H. Waxler and M. F. Leef.


888 Radioactive Triiodothyronine As a Tumor Cell Label for Kinetic Studies. John W. Raker and Daphne K. Stillman.


903 The Role of Ribonuclease in Regression of Lymphosarcoma P1798. Elisabeth Ambellan and Vincent P. Hollandar.

910 Effects on HeLa Cell Division of Physiologic Deoxyribonucleosides and Deoxyribonucleotides. Kosaku Iizutsu and John J. Biesele.

919 Immunology of Spontaneous Mammary Carcinomas in Mice. IV. Association of the Mammary Tumor Virus with the Immunogenicity of C3H Nodules and Tumors. David H. Lavrin, Phyllis B. Blair, and David H. Weiss.

927 Fine Structure of Liver Tumors Induced in the Rat by 3’-Methyl-4-dimethylaminobenzene. M. H. Ma and A. J. Webber.

935 Effect of Glucose and Buccinate on Respiration in Fresh and Incubated Ascites Tumor Cells. B. M. Hotham, F. D. Ziegler, and E. H. Ludwig.

939 Induction of Experimental Allergic Encephalomyelitis and Tumor Occurrence in Rats Treated with 4-Dimethylaminobenzene and 3,4-Benzpyrene. V. Allegréti and B. Vitale.

947 Human Prostatic Carcinoma: An Electron Microscope Study. Peter Mao, Komei Nakao, and Alfred Angrist.

951 Fate of Amethopterin-resistant Mutants in L1210 Mouse Leukemia Populations. Akira Hoshino, Alberta M. Albrecht, and Dorris J. Hutchinson.

Continued from previous page

984 Studies on the Antigens of Human Tumors. II. Demonstration of a Soluble Specific Antigen (G) in Cell Lines Derived from Malignant Human Tissue. John M. McKenna, Ronald P. Sanderson, Frank E. Davis, and William S. Blakemore.

990 Some Effects of Tumor Implantation Site on Tumor-Host Relations. Ralph F. Kampschmidt and Herbert F. Upchurch.

995 The Fine Structure of the Yaba Monkey Tumor Poxvirus. Etienne de Harven and David S. Yohn.


1015 On the Mechanism of Inducing Protection of the Adrenal Cortex against Injury from 7,12-Dimethylbenz(a)anthracene. I. Effects of Inducers on Benzpyrene Hydroxylase Activity. Thomas L. Dao and Rose Marie Varela.

1022 Polysomes in Rat Tissues. IV. On the Abnormal Dimer Peak in Hepatomas. Thomas E. Webb and Van R. Potter.

1026 Pyrophosphate Phosphohydrolase in C3HBA Mammary Tumors of Mice. Ralph J. Helmsen and J. Wendell Davis.

1031 Cytochemical Studies in Cell Cultures Infected with Rous Sarcoma Virus. Francisco Salido-Rengell.

1038 Announcements.
1038 Errata.
1039 Books Received.

COVER LEGEND

M. A. Novinsky (1841–1914), a Russian veterinarian, in 1875–1876 first transplanted malignant neoplasms successfully from one animal to another, using dogs. His contribution was recognized by recent reviews of his work by Shabad of Moscow and by Shimkin (Cancer, 8: 652-653, 1955). The drawings of transplanted tumors are from Novinsky’s thesis for a Master’s degree, printed in St. Petersburg in 1877. The portrait is from L. M. Shabad, “M. A. Novinsky,” Moscow, Acad. Med. Sci., USSR, 1950.