

# Cancer Research

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## Contents

- 977 Biochemical Characteristics of Mammary Glands and Mammary Tumors of Rats Induced by 3-Methylcholanthrene and 7,12-Dimethylbenz(a)anthracene.  
*Russell Hilf, Harold Goldenberg, Inge Michel, M. Joyce Carrington, Carlton Bell, Margot Gruenstein, David R. Meranze, and Michael B. Shimkin.*
- 989 The Susceptibility of Fetal Rat Skin in Different Immunologic Environments to Neoplastic Induction with Shope Papilloma Virus.  
*John W. Kreider and Charles Breedis.*
- 994 Relation of Thymidine Index to Pulmonary Tumor Response in Mice Receiving Urethan and Other Carcinogens.  
*M. B. Shimkin, T. Sasaki, M. McDonough, R. Baserga, D. Thatcher, and R. Wieder.*
- 999 Influence of Hypothalamic Lesions on the Induction and Growth of Mammary Cancers in Sprague-Dawley Rats Receiving 7,12-Dimethylbenz(a)anthracene.  
*M. S. Klaiber, M. Gruenstein, D. R. Meranze, and M. B. Shimkin.*
- 1002 Changes in DNA-bound Amino Acids in Experimental Tumor Transplants.  
*Josephine S. Salser, Morris N. Teller, and M. Earl Balis.*
- 1008 Increased Tumorigenesis of Murine Sarcoma Virus (Moloney) by Coinfection with Rauscher Virus or by Treatment with Antilymphocyte Serum.  
*W. A. Hook, M. A. Chirigos, and S. P. Chan.*
- 1013 The Metabolism of the 8-Methyl Ether of Xanthurenic Acid in the Mouse.  
*Gerald M. Lower, Jr. and George T. Bryan.*
- 1019 Homeostasis of Zinc and Iron in Mouse B16 Melanoma.  
*Kedar N. Prasad, Charles R. Ahrens, and Judith M. Barrett.*
- 1024 The Sex-dependent Difference in the Development of Liver Tumors in Mice Administered Dimethylnitrosamine.  
*S. D. Vesselinovich.*
- 1028 Acid Hydrolase Activity during the Induction and Transplantation of Hepatomas in the Rat.  
*Ralph F. Kampschmidt and Dan Wells.*
- 1036 Biochemical and Genetic Studies of a Mutant Strain of Mouse Leukemia L1210 Resistant to 1- $\beta$ -D-Arabinofuranosylcytosine (Cytarabine) Hydrochloride.  
*Michael K. Bach.*
- 1045 Renal Epithelial Neoplasms Induced in Male Wistar Rats by Oral Aflatoxin B<sub>1</sub>.  
*Sheldon M. Epstein, Barbara Bartus, and Emmanuel Farber.*
- 1051 Comparison of Transfer Ribonucleic Acids and Aminoacyl Synthetases of Liver and Ascites Tumor Cells.  
*Michele Goldman, William M. Johnston, and A. Clark Griffen.*
- 1056 Toxic and Pathologic Effects of 4,4'-Diacetyl-diphenyl-urea-bis(guanylhydrazone), A New Antileukemic Agent.  
*E. Mihich, C. L. Simpson, L. Loth, and A. I. Mulhern.*
- 1062 A Ten-Year Study of 5-Fluorouracil in Disseminated Breast Cancer with Clinical Results and Survival Times.  
*Fred J. Ansfield, Guillermo Ramirez, Sanford Mackman, George T. Bryan, and A. R. Curreri.*
- 1067 Relationship of Normal CDF<sub>1</sub> Mouse Leukocyte Kinetics to Growth Characteristics of Leukemia L1210.  
*Vincent T. DeVita, Charlene Denham, and Seymour Perry.*
- 1072 Autologous Bone Marrow Grafts in Dogs Treated with Lethal Doses of Cyclophosphamide.  
*R. B. Epstein, R. Storb, R. A. Clift, and E. D. Thomas.*
- 1076 Leukemia-like Pattern of the DNA, RNA, and Protein Content of Individual Mononuclear Cells in the Peripheral Blood of Patients with Infectious Mononucleosis.  
*G. Gahrton and G. E. Foley.*

- 1082** Cellular Kinetics of Invasive Squamous Carcinoma of the Human Cervix.  
*James L. Bennington.*
- 1089** Biologic Studies on Hamster Tumors Induced by the Murine Sarcoma Virus (Moloney).  
*K. Perk, M. V. Viola, K. L. Smith, N. A. Wivel, and J. B. Moloney.*
- 1103** Inhibition of the Growth of Mouse Polyoma Tumors by Lymph Node Fragments from Specifically Immunized Rats.  
*H. F. Jeejeebhoy and A. G. Rabbat.*
- 1111** Enhancement of Spleen Focus Formation and Virus Replication in Friend Virus-infected Mice.  
*Richard A. Steeves, Edwin A. Mirand, Suteera Thomson, and Luis Avila.*
- 1117** Biologic Studies on 7,12-Dimethylbenz( $\alpha$ )anthracene-induced Rat Leukemia with Special Reference to the Specific Chromosomal Abnormalities.  
*Taketoshi Sugiyama, Yoshinori Kurita, and Yasuaki Nishizuka.*
- 1125** The Role of the Spleen in the Immunity to a Chemically Induced Sarcoma in C3H Mice.  
*David S. Bard, and Yosef H. Pilch.*
- 1132** Enhancement by Glucose of the Inhibition of an Ehrlich Ascites Tumor by Tetraazatricyclododecane.  
*Charles D. Stevens and Robert C. Mosteller.*
- 1137** The Development of Carcinoma in Liver of Rats Treated with *m*-Toluylenediamine and the Synergistic and Antagonistic Effects with Other Chemicals.  
*Nobuyuki Ito, Yoshio Hiasa, Yoichi Konishi, and Masao Marugami.*
- 1146** Tumors of the Thymus in Cattle, Sheep, and Pigs.  
*A. T. Sandison and Lindsay J. Anderson.*
- 1151** Teratogenic Effects of *N*-Ethyl-*N*-nitrosourea in the Syrian Hamster.  
*Harry M. Givelber and Joseph A. DiPaolo.*
- Brief Communication:**  
**1156** The Recovery *in Vivo* of DNA Synthesis following Radiation.  
*W. B. Looney and L. O. Chang.*
- 1159** Announcements.
- 1160** Erratum.

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#### COVER LEGEND

Robert H. Wilson (b. 1903) and Floyd DeEds (b. 1894), both of the U. S. Western Regional Agriculture Laboratory, and Alvin J. Cox, Jr. (b. 1907) of the Department of Pathology, Stanford University School of Medicine at San Francisco, uncovered (1941) the carcinogenic effect of 2-acetaminofluorene (*N*-2-fluorenylacetamide; 2-FAA). See: *Cancer Res.*, 1: 595–608, 1941. In 1940, 2-FAA received a U. S. Patent for use as an insecticide. The studies of the Wilson group revealed that the compound had no demonstrable acute toxicity for rats. Among the chronic toxic effects in rats fed continuously with food containing 2-FAA were malignant epithelial proliferations of bladder, renal, pelvic, hepatic, pancreatic, and lung tissues. Subsequent studies on 2-FAA have provided valuable insights into the mechanism of action of chemical carcinogens.

A review of fluorenamide carcinogenicity investigations is available in: E. K. Weisburger and J. H. Weisburger, *Chemistry, Carcinogenicity and Metabolism of 2-Fluorenamine and Related Compounds*. *Adv. Cancer Res.*, 5: 331–431, 1958.

Cover illustrations of Wilson (*center*), DeEds (*left*), and Cox (*right*) are displayed within a structural model of 2-acetylaminofluorene.