Cancer Research

The Official Organ of the American Association for Cancer Research, Inc.

VOLUME 26 / NUMBER 7 / July 1966

Contents

1313 Replication and 5-Iodo-2'-deoxyuridine-3H Incorporation by Tumor and Normal Cells. Joseph Hoffman and Joseph Post.

1319 Effects of a Chemical Carcinogen on the Submaxillary Gland of Albino Rats Treated with Isoproterenol. Gerald Shklar and Edmund Cataldo.

1324 In Vitro Reactions of Lymphocytes from Normal Mice and from Viral and X-Ray-induced Lymphomas. Lloyd M. Elrod and Robert Schrek.

1330 Respiration Capacity of Transplantable Rat Leukemic and Endocrine-dependent Tissue Tumor Systems. Rosa Sprague and Harris Rosenkrantz.


1344 The Influence of Homologs of Riboflavin on the Growth of Walker Rat Carcinoma 256. Yoon Soo Kim, Mary M. Aposhian, and J. P. Lambooy.


1365 Influence of Endocrine Organ Ablation on the Growth and Biochemical Responses of the R3230AC Mammary Tumor to Hormonal Treatment. Russell Hill, Inge Michel, Carlton Bell, and M. Joyce Carrington.


1376 Studies on the Relationship between Increased Adenylc Acid Deaminase Activity and Changes in Nuclear RNA Metabolism in Rat Liver Caused by Thioacetamide. Donald E. Kizer, Boyd A. Howell, Joseph A. Clouse, and B. C. Shirley.

1383 Influence of Thymectomy and Subsequent Thymus Implantation on Leukemia Induction in Adult C57BL Mice by Radiation and Urethan. I. Berenblum, Louise Boitao-Chen, and N. Trainin.

1386 The Effect of pH upon the Antitumor Activity and Toxicity of Nitrogen Mustard. J. Harry Cutts and I. G. Walker.


1408 Hepatic Proliferative Response to Insulin in Severe Alloxan Diabetes. Lee R. Younger, Judith King, and Donald F. Steiner.

1415 Occurrence of Natural Antibody to the G (Gross) Leukemia Antigen in Mice. Tadao Aoki, Edward A. Boyse, and Lloyd J. Old.


1425 Metabolism of Deoxyribonucleotides. II. Enzymatic Phosphorylation of Deoxyctydylid Acid in Normal Rat Liver and Rat Ascites Hepatoma Cells. Hiroyuki Nakamura and Yukio Sugino.


1435 Host Resistance to Cancer. V. The Effect of Pretreatment of C3H Mice with Syngeneic Mouse Tissue Incubated with 3-Methylcholanthrene. R. H. Wilson, V. Jurerica, L. R. Delaney, and A. C. Schram.

1441 The Luteinizing Hormone in Growth and Differentiation of Experimental Ovarian Tumors. Charles A. Ely, Rosemarie Tuercke, and Bei-Loo Chen.

1448 The Effects of Hydroxyurea and Related Compounds on the Rat Fetus. Shakuntala Chaube and M. Lois Murphy.

Continued on reverse side
Continued from previous page


1473 Carcinogenesis in Swiss Mice by Isonicotinic Acid Hydrazide. Bela Toth and Philippe Shubik.


1486 Antigenic Relationship of Mouse Rhabdomyosarcoma to Human Rhabdomyosarcoma and to Human and Mouse Muscles. Jerry Jurand and Raymond Hiramoto.


1508 Treatment of a Murine Leukemia with Spleen Cells or Sera from Allogeneic Mice Immunized against the Tumor. P. Alexander, D. I. Connell, and Z. B. Mikidzika.

1516 The Effect of Small Doses of Prednisolone on the Incidence of Subcutaneous Sarcomas Induced by 3-Methylethylcholanthrene in Virgin Female Swiss Mice. Shafiq A. Qureshi and Habibuz Zaman.


1527 Differences between the Microsomes of Normal Rat Liver and of N-2-Fluorenylacetamide-induced Rat Hepatoma as Determined by the Paired Label Antibody Technic. Shinzo Isojima, Jakob Planinsek, Yasuo Yagi, and David Pressman.


1551 High Molecular Weight RNA from Avian Myeloblastosis Virus. J. Huppert, F. Lacour, J. Harel, and L. Harel.

1569 Factors Responsible for the Distribution of Radioactivity in a Mouse Gioma and Brain after Injection of Radioiodinated Human Serum Albumin (RIHSA). Charles H. Tator and Jerry Olasevski.


1591 Effect of Bacillus Calmette-Guérin and/or Methylcholanthrene on the Antibody-forming Cells Measured at the Cellular Level by a Hemolytic Plaque Test. Jan Stjernswärd.

1593 Special Announcement: American Association for Cancer Research Statements on Animal Care and National Institutes of Health Accounting Regulation.

1596 Announcement

1596 Erratum

1596 Recent Deaths

COVER LEGEND (right to left)

The first successful transfer of a malignant neoplasm by Berkefeld filtrates was achieved in 1909 by Vilhelm Ellermann (1871-1924) and Oluf Bang (1881-1937) of Copenhagen, Denmark, using leukemia in chickens. The details of this pioneer work are recorded in two papers (Zentr. f. Bakteriol., 46: 595-609, 1908, and Z. Hyg. u. Infektionskrankh., 63: 231-72, 1909), the latter including filtration experiments and concluding that the disease was due to an “ultravisible” virus.

We are indebted to Dr. Johannes Clemmesen of Copenhagen for the portraits and obituaries, and to Dr. Ludwik Gross for his assistance.
Cancer Research

26 (7 Part 1)

Cancer Res 1966;26:1313-1596.

Updated version
Access the most recent version of this article at:
http://cancerres.aacrjournals.org/content/26/7_Part_1.citation

E-mail alerts
Sign up to receive free email-alerts related to this article or journal.

Reprints and Subscriptions
To order reprints of this article or to subscribe to the journal, contact the AACR Publications Department at pubs@aacr.org.

Permissions
To request permission to re-use all or part of this article, use this link http://cancerres.aacrjournals.org/content/26/7_Part_1.citation.
Click on "Request Permissions" which will take you to the Copyright Clearance Center's (CCC) Rightslink site.