Contents

Howard E. Skipper.

1181 Elevation of Thymidylate Synthetase Activity in CCRF-CEM Cells.  
DeWayne Roberts and Ellen V. Loehr.

1188 DNA Content of Mastocytoma Cells in Cell Culture after Inhibition of RNA Synthesis with 6-Azauridine.  
Hans R. Burk.

1192 Early Appearance of Embryonic α-Globulin in Rat Serum during Carcinogenesis with 4-Dimethylaminoazobenzene.  
Hiroyuki Watanabe.

1195 Some Biochemical Changes Preceding Regression of 7,12-Dimethylbenz(a)anthracene-induced Mammary Tumors following Oophorectomy.  

1201 Acute Synergistic Toxicity and Hepatic Necrosis following Oral Administration of Sodium Nitrite and Secondary Amines to Mice.  
Shogo Asahina, Marvin A. Friedman, Elsie Arnold, Gail N. Millar, Myra Mishkin, Yvonne Bishop, and Samuel S. Epstein.

1206 Toxicity of Aromatic Hydrocarbons on Normal Human Epidermal Cells in Vitro.  
Michael H. Dietz and B. Allen Flaxman.

1210 Intranuclear Paracrystalline Fibrillar Arrays in Human Glioma Cells.  
Eiichi Tani, Toshio Ametani, Yutaka Ishijima, Nororu Higashi, and Eiichi Fujihara.

1218 The Effects of Bleomycin on Survival and Cell Progression in Chinese Hamster Cells in Vitro.  
S. C. Barranco and R. M. Humphrey.

1224 Fetal Pattern of Aldolase in Transplantable Hepatomas.  
Fanny Schapira, Antoinette Hatzfeld, and Melvin D. Reuber.

1231 Translocation of DNA from the Vascular into the Nuclear Compartment of Solid Mammary Tumors.  
Claude Watters and Pietro M. Gullino.

1244 Tissue Isoantigens A, B, and H in Carcinoma of the Pancreas.  
Israel Davidsohn, Louisa Y. Ni, and Rudolf Stejskal.

1251 Biochemical Studies of Diethylstilbestrol-induced Kidney Tumors in the Golden Syrian Hamster.  
Teresa Lacombe and Maria Gabaldón.

1257 Studies on a Model Immunological System.  

Dorothy G. Feldman and Ludwik Gross.

1268 A Comparison of in Vivo and in Vitro Uptake of Estradiol by Human Breast Tumors and the Relationship to Steroid Excretion.  
Frances James, V. H. T. James, A. E. Carter, and W. T. Irvine.

1273 Carbohydrate Metabolism in Subjects with Cancer.  
Christine Waterhouse and Johannes H. Kemperman.

1279 The Cell Proliferation Kinetics of Four Experimental Tumors after Acute X-irradiation.  
Juliana Denekamp and R. H. Thomlinson.

1285 Serological Studies of Tumor Antigens in Chemical- and Virus-induced Thymic Lymphomas.  
Ruth G. Doell and Bonnie J. Mathieson.

1290 Hyperbasophilic Foci as Sites of Neoplastic Transformation in Hepatic Parenchyma.  
R. Daoust and R. Calamai.

1297 Studies on DNA Repair in Human Lymphocytes Treated with Proximate Carcinogens and Alkylation Agents.  
Michael W. Lieberman, Richard N. Baney, Robert E. Lee, Stewart Sell, and Emmanuel Farber.

1307 Deoxyribonucleoside Incorporation and the Role of Hydroxyurea in a Model Lymphocyte System for Studying DNA Repair in Carcinogenesis.  
Michael W. Lieberman, Stewart Sell, and Emmanuel Farber.

1313 Brief Communication:  
Adenosine 3',5'-Cyclic Monophosphate and Contact Inhibition.  
Margaret L. Heidrick and Wayne L. Ryan.

1316 Obituary: George Otto Gey.  
John H. Hanks and Frederick B. Bang.

1317 Special Announcement: Annual Meeting of the American Association for Cancer Research, Inc.

1318 Announcement from the Editor.

1318 Announcements.

1318 Erratum.