CONTENTS

Asterisks * preceding page numbers refer to clinical studies.


19 Carcinogenicity in Rats of Nitrosomethylureas Labeled with Deuterium in Several Positions. William Lijinsky and Melvin D. Reuber.


26 Insignificant Tumor Bed Effect after Pretransplantation Hyperthermia. Muneyasu Urano and Mary Cunningham.


42 Effect of Dihydroxyanthraquinone and Radiation on G2 Progression. Bruce F. Kimler.


50 Effects of Structure and Chemical Activity on the Ability of Nitrosoureas to Inhibit DNA Repair. Herbert E. Kann, Jr., Mary Ann Schott, and Atalante Petkas.


64 Effect of Lactate Dehydrogenase Virus on Chemically Induced Mouse Lung Tumorigenesis. Jeffrey C. Theiss, Michael B. Shimkin, Gary D. Stoner, Alexis J. Kniazeff, and Ronald D. Hoppenstand.


75 Effects of Thioacetamide Treatment on Nuclear Envelope Nucleoside Triphosphatase Activity and Transport of RNA from Rat Liver Nuclei. Gary A. Clawson, Marlene Koplitz, David E. Moody, and Edward A. Smuckler.

80 Relationship of Bacillus Calmette-Guérin-induced Suppressor Cells to Hematopoietic Precursor Cells. James A. Bennett and John C. Marsh.

86 Pharmacological Disposition of N-(Phosphonacetyl)-L-aspartate in Humans. Ti Li Loo, Jacqueline Friedman, E. Colleen Moore, Manuel Valdivieso, Jose R. Marti, and David Stewart.


95 Growth of Human Breast Carcinomas in Nude Mice and Subsequent Establishment in Tissue Culture. Barbara Rae-Venter and Lola M. Reid.


107 Comparison of Pharmacokinetics of 5-Fluorouracil and 5-Fluorouracil with Concurrent Thymidine Infusions in a Phase I Trial. John M. Kirkwood, William Ensminger, Andre Rosowsky, Nicholas Papathanasopoulos, and Emil Frei, III.

114 Metabolism of N-[4-(5-Nitro-2-furyl)-2-thiazolyl]formamide by Prostaglandin Endoperoxide Synthetase. Terry V. Zenser, Michael B. Mattamal, and Bernard B. Davis.

119 Comparison of the Hydroxylation of Benzo(a)pyrene with the Metabolism of Vinyl Chloride, N-Nitrosomorpholine, and N-Nitroso-N'-Methylpiperazine to Mutagens by Human and Rat Liver Microsomal Fractions. Nicole Sabadie, Christian Malaveille, Anne-Marie Camus, and Helmut Bartsch.


Letters to the Editor


Announcements

Instructions for Authors

Author Index