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COVER LEGEND

Lev Alexandrovich Zilber (1894–1966), doctor of medical sciences and member of the U.S.S.R. Academy of Medical Sciences, was the founder of the Russian school of viral oncology. A graduate of Moscow State University in 1919, his earlier experimental work was on autotherapy of typhus (1921), hereditary transformation of serotypes in Proteus vulgaris (1922–1923), and the replication of viruses in unnatural hosts, as vaccinia virus in yeast (1932–1934). He and his coworkers identified the tick-borne, summer-spring encephalitis of the Far East regions of the U.S.S.R. He began work on the virological aspects of cancer in 1944, heading the Department of Immunology and Virology of Tumors at the Gamaleya Institute of Epidemiology and Microbiology, Moscow. [N. F. Gamaleya (1859–1949), after whom the Institute is named, was a bacteriologist who, following a visit with Pasteur in 1896, introduced rabies vaccination in Russia.]


G. I. Abelev (b. 1928) doctor of biological sciences and professor of biochemistry, graduated from Moscow State University in 1950. He was an assistant of Dr. Zilber, whom he succeeded as departmental chairman at the Gamaleya Institute in 1966. Abelev and his colleagues devoted their attention to tumor-specific antigens and demonstrated striking immunological individuality in mouse hepatomas (cf. Progr. Exptl. Tumor Res., 7: 104, 1965).

The most important contribution from Abelev’s group was the 1963 discovery of embryo-specific α-globulin (α-fetoprotein, or AFP) in experimental hepatomas. This led to the development of an immuno-diagnostic test for hepatocellular carcinoma and teratocarcinoma in man. The work is reviewed in Advan. Cancer Res., 14: 295, 1971. The figure is from this article and is a schematic representation of AFP synthesis in normal development and pathological states (solid line, serum AFP levels in arbitrary units; broken line, expected AFP level).

We are indebted to Dr. Lev L. Kisselev for the portraits of Zilber (left) and Abelev (right).
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THIRD CONFERENCE ON
EMBRYONIC AND FETAL ANTIGENS IN CANCER

Held at the
Hyatt Regency Hotel
Knoxville, Tennessee
November 4–7, 1973
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1 Requests for abstracts of the Third Conference on Embryonic and Fetal Antigens in Cancer should be addressed to: R. E. Canning, Molecular Anatomy (MAN) Program, P. O. Box P, Building K-703, Oak Ridge National Laboratory, Oak Ridge, Tenn. 37830.
2 The person whose name is italicized was the presenter of the paper.
Quantitative Absorption of Undesired (Blood Group) Antibodies from Antisera to CEA. Arnold E. Reif and Cynthia M. Robinson.

Demonstration of Blood Group Antigen A, B, Lewis, and Lewis on Different Preparations of CEA. Jean-Pierre Mach, Alexander Holburn, Dorothy MacDonald, Stephan Carrel, and Claude Merenda.


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A Method of Rapid Dialysis for Use with the Zirconyl Gel Assay for CEA. H. Z. Kupchik, Marvin C. Feil, and Calvin C. Saravis.

Studies on CEA as a Normal Product of Normal Gastrointestinal Epithelium. Thomas C. Hall, Marsha Hollander, Barbara Dyce, and Hans Hansen.


The Effect of Hormones on CEA Levels in Patients with Carcinoma of the Prostate. I. M. Bush, N. Sadoughi, T. John, P. Guinan, and R. J. Ablin.


Plasma CEA in Patients with Hematologic Malignancies. John C. Ruckdeschel and Peter H. Wiernik.

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Approaches to Improving CEA-Radioimmunoassay Specificity: Use of Baboon and Rabbit Antisera to a “Neonatal” CEA Bound to Different Backbones. Allyn H. Rule, Richard Condie, Mary Kirch, and Larry Nathanson.

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