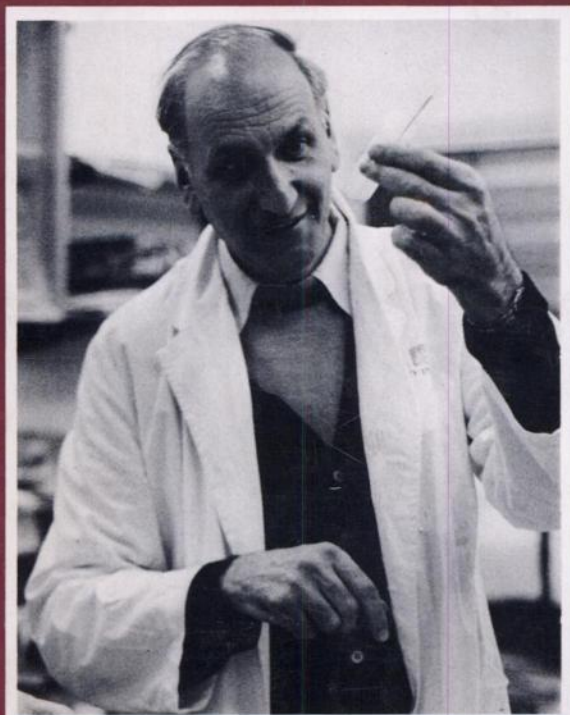


Cancer Research

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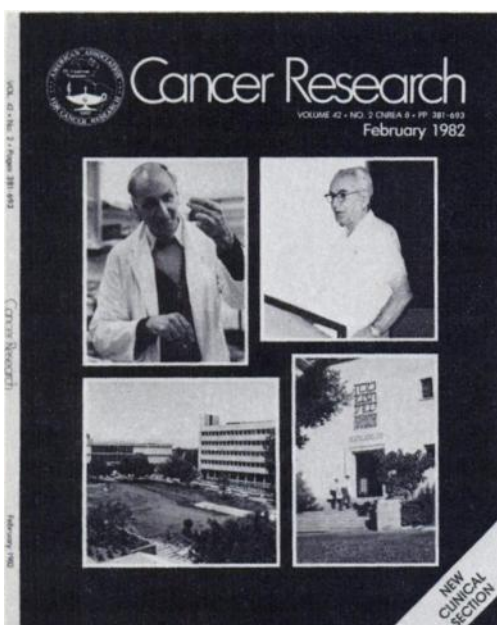
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COVER LEGEND



Cancer research at the Weizmann Institute of Science in Rehovot, Israel began in 1950 when Isaac Berenblum moved to Rehovot from Oxford University and established the Department of Experimental Biology. He was joined in 1952 by Leo Sachs, soon after he had finished his Ph.D. at Cambridge University, who started a group on genetics and virology; and in 1955 by Michael Feldman, who had studied in Jerusalem and started a group on cellular immunology. Isaac Berenblum continued his research on

stages of carcinogenesis as summarized in his *Carcinogenesis as a Biological Problem* (American Elsevier Corp., New York, 1974). Leo Sachs initiated cell culture studies on transformation *in vitro* by different types of carcinogens including chemicals and X-irradiation; cell-virus interactions with polyoma virus and simian virus 40; cloning and differentiation of normal hematopoietic cells; reversion of the malignant to a normal phenotype; and chromosome and membrane changes associated with malignancy (see *Current Topics Dev. Biol.* 2: 129, 1967; *Harvey Lectures*, 68: 1, 1974; *Nature (Lond.)*, 274: 535, 1978). Michael Feldman worked on tumor immunology and cell biology (e.g., *Cancer Res.*, 26: 2041, 1966; 37: 501, 1977).

Others engaged in cancer research who started in the Department of Experimental Biology and are now also professors at the Institute include Nehama Haran-Ghera and Nathan Trainin, who started their research with Isaac Berenblum; and Ernest Winocour and Yosef Aloni, who started as students of Leo Sachs. The original department in due course gave rise to other departments, and cancer research is now being carried out in various departments at the Weizmann Institute.

Pictured are Berenblum (*right*) and Sachs (*left*), the Jacob Ziskind Building, Weizmann Institute of Science (*left*), and the Science Square with Ullman Institute of Life Sciences and Wolfson Institute of Experimental Biology (*right*).

We are indebted to Professor Leo Sachs for the information and illustrations.

M.B.S.

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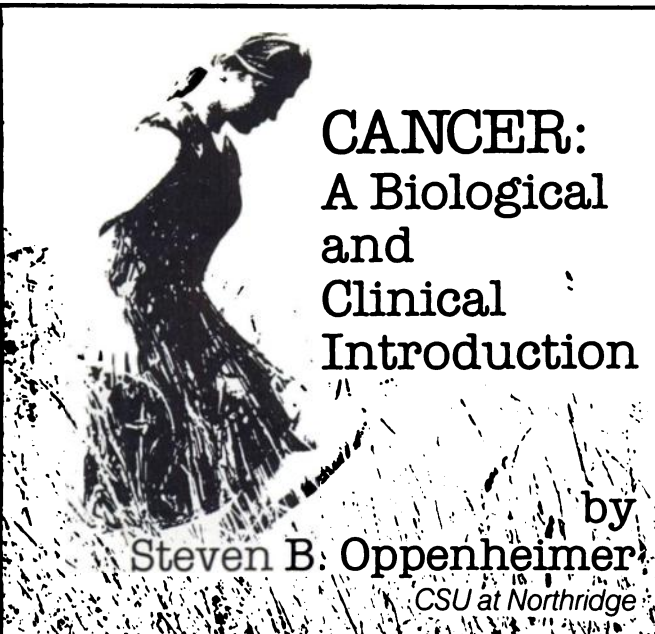
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