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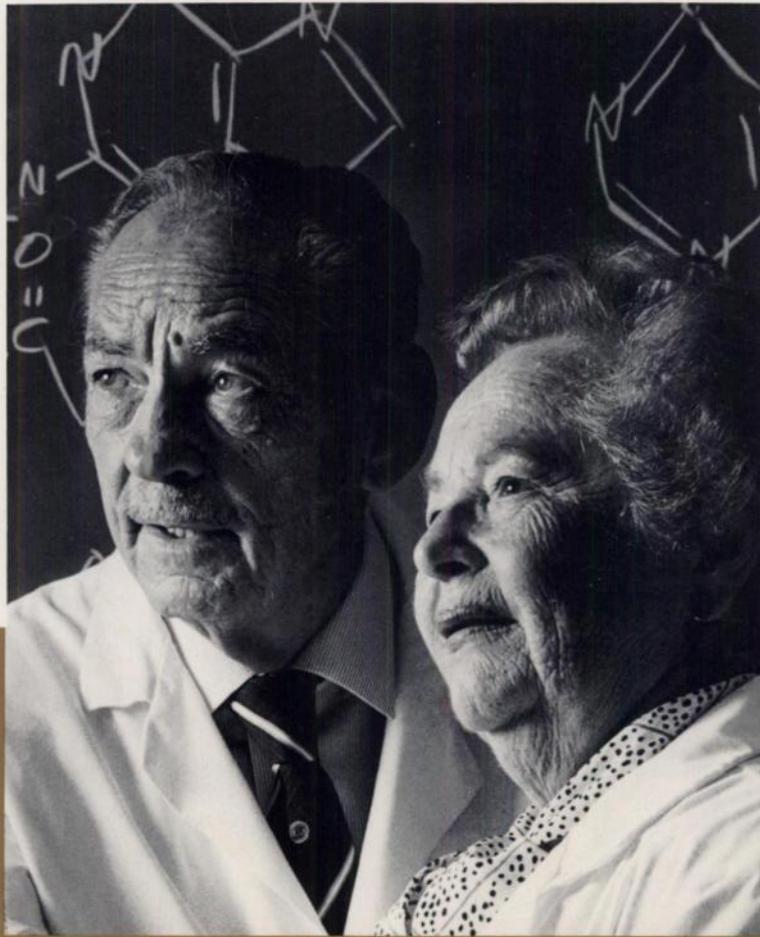
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1988 Nobel Laureates



CANCER RESEARCH HAS A NEW ADDRESS

Please note that the Cancer Research Editorial Office, along with the American Association for Cancer Research Headquarters Office, has moved its location. Effective September 12, 1988, our new address and phone number are:

**Cancer Research Editorial Office
530 Walnut Street
10th Floor
Philadelphia, PA 19106
(215) 440-9300**

Send all future correspondence, including new submissions, revised manuscripts, page proofs of articles, and letters, to us at the above address.



If you haven't had
a mammogram,
you need more than
your breasts examined.

A mammogram is a safe, low-dose X-ray that can detect breast cancer before there's a lump. In other words, it could save your life and your breast.

If you're a woman over 35, be sure to schedule a mammogram. Unless you're still not convinced of its importance.

In which case, you need more than just your breast examined.

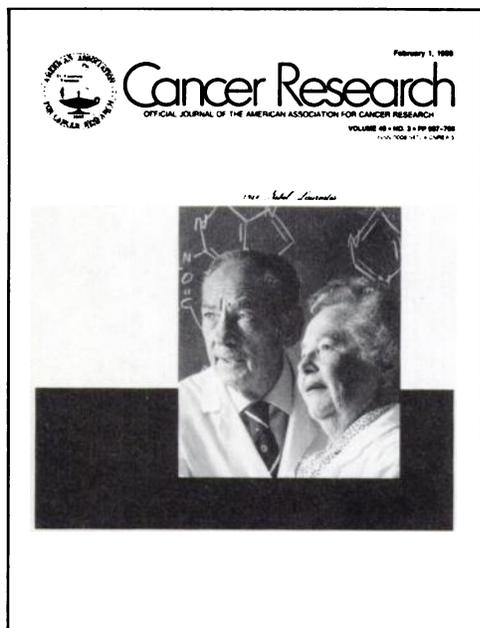
Find the time. Have a mammogram.



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COVER LEGEND



Our cover proudly salutes two 1988 Nobel Laureates in Physiology or Medicine. They were cited for applying principles of biochemistry and pharmacology to the development of drugs of great efficacy in treatment of human disease. Working together for over 40 years at Burroughs Wellcome Co., they focused on the inhibition of obligatory enzymes of nucleotide synthesis in order to block DNA synthesis, thereby selectively attacking proliferating cells. This strategy, considered a revolution in drug therapy, opened a new field of investigation when little was known of DNA synthesis and resulted in their development of 6-mercaptopurine and thioguanine for treatment of leukemia. It led the way for their discovery of many new agents, including pyrimethamine for malaria, trimethoprim for bacterial infection, azathioprine for immunosuppression in organ transplants, allopurinol for gout, and most recently, the development of acyclovir for herpes simplex virus. Their strategies have shaped chemotherapeutic research throughout the world.

Sharing the prize with them is Sir James Black, a former member of Wellcome's staff, whose guiding principle, the blockage of β -adrenergic receptors, led to the development of two spectacularly successful drugs, propranolol for cardiac disease and cimetidine for duodenal ulcer.

Gertrude Elion received the B.A. degree from

Hunter College and the M.S. from New York University. In 1944 she joined Burroughs Wellcome as Hitchings' assistant, and, after 23 years of work with him, she was appointed head of their Department of Experimental Therapy. She retired in 1983 with the title "Scientist Emeritus." She received the Cain Award of the American Association for Cancer Research jointly with George Hitchings in 1984, the Garvan Award of the American Chemical Society in 1968, the President's Medal of Hunter College in 1970, and the Judd Award of the Memorial Sloan-Kettering Cancer Center in 1983. She has honorary degrees from Brown and George Washington Universities and the University of Michigan. She remains active in research and professional activities while holding a research professorship at Duke University and an adjunct professorship at the University of North Carolina at Chapel Hill. She is currently a member of the President's National Cancer Panel and the Scientific Working Group on Malaria of the World Health Organization.

George Hitchings received the B.A. and M.S. degrees from the University of Washington and the Ph.D. from Harvard in 1933; after serving academic posts at the Harvard School of Public Health and Western Reserve, he joined Burroughs Wellcome in 1942. He was appointed vice-president of research and a member of the board in 1967, retiring from this position in 1975. Among his awards are the Robert de Villier Award from the Leukemia Society, the Passano Award, the Gairtner International Award, the Cameron Prize in Practical Therapeutics from the University of Edinburgh, the Bertner Foundation Award, foreign membership in the Royal Society of London, and honorary membership in the Royal Society of Medicine. He holds an honorary degree from the University of Michigan and the Alumnus Summa Laude Dignatus Award from the University of Washington.

Both Elion (who was president in 1983) and Hitchings have been and continue to be prominent in various activities of the American Association for Cancer Research and of this journal. He was elected to honorary membership in 1981. Both remain active consultants to the company in which they achieved their accomplishments and Hitchings is president of the Burroughs Wellcome Fund.

Photographs and information were kindly provided by Kathy S. Bartlett of Burroughs Wellcome.

Sidney Weinhouse