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# Boston University Medical Center news: June 8, 1983 no. 1647

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# Boston University Medical Center News



Members:  
University Hospital  
Boston University School of Medicine  
Boston University Goldman School of Graduate Dentistry

No.: 1647  
Date Mailed: June 8, 1983  
Contact: Steve Stiles  
Tom McCullough

## FOR IMMEDIATE RELEASE

Brighton resident Ann Marshak-Rothstein, Ph.D., director of the Hybridoma Laboratory at Boston University School of Medicine's Hubert H. Humphrey Cancer Research Center, was recently awarded \$56,348 from the U.S. Public Health Service for her study, "Regulation of B Cell Growth by Anti-Idiotypic Antibodies."

The study will examine how the body regulates B lymphocytes, or B cells, and antibody proteins, both of which normally recognize and attack invaders in the bloodstream. Marshak-Rothstein's research may one day provide a treatment for the malignant proliferation of B cells--a kind of leukemia--and autoimmune disease, a condition in which the immune system attacks the body's own tissues.

Her husband, Thomas Rothstein, M.D., a research hematologist at University Hospital at Boston University Medical Center, is a collaborator on the study. They reside on Royce Road.

Marshak-Rothstein received her bachelor's degree in 1972 from Washington University in St. Louis, Mo., and her doctorate in 1977 from the University of Pennsylvania School of Medicine. She has completed postdoctoral fellowships at the Massachusetts Institute of Technology and the National Institutes of Health, and training at Israel's Weizmann Institute.

(more)

The co-author of more than a dozen immunology research articles, she has been an assistant professor in BUSM's microbiology department since 1981.

Boston University School of Medicine is the site of several major interdisciplinary research centers, including the Hubert H. Humphrey Cancer Research Center and the Cardiovascular Institute of Boston University. The School is an innovator in medical education, offering several alternative curricula leading to the M.D. degree.