

CENTER OF MARINE BIOTECHNOLOGY
 Madilyn M. Fletcher, Ph.D., *Director*

Columbus Center
 701 East Pratt St., Suite 236
 Baltimore, MD 21202 (410) 234-8800

The Center of Marine Biotechnology is devoted to the application of molecular biology and molecular genetics to marine organisms. Established in 1985, the Center studies the molecular biology and molecular genetics of aquaculture and fisheries biotechnology, marine microbial products and processes, and marine pollution and bioremediation. Center research then is applied to improve methods of seafood production, develop new marine-based compounds and pharmaceuticals, develop new medical diagnostic test methods, and implement novel techniques for environmental cleanup and biofilm prevention.

In 1993, the Center opened the Aquaculture Research Center at Fells Point in collaboration with the Columbus Center and the National Aquarium in Baltimore. In 1995, the Center of Marine Biotechnology moved to the Columbus Center.

**CENTER FOR PUBLIC ISSUES
 IN BIOTECHNOLOGY**

Raymond Zilinskas, Ph.D., *Director*

4321 Hartwick Road, Suite 500
 College Park, MD 20740 (301) 403-0501

Established in 1988, the Center for Public Issues in Biotechnology advances research in the ethical and legal issues of biotechnology.

MEDICAL BIOTECHNOLOGY CENTER

Edmund C. Tramont, M.D., F.A.C.P., *Director*

618 West Lombard St.
 Baltimore, MD 21201 (410) 706-8181

Established in 1986, the Medical Biotechnology Center studies health-related aspects of molecular biology and biotechnology at the basic and clinical levels. The Center applies this research to four areas: human molecular biology, including vaccine therapy, gene therapy, antisense therapy, cellular and traditional vaccines; biosensing, bioimaging, and bioprocessing; molecular neurobiology; and molecular genetics and the processes of cellular differentiation, aging, and carcinogenesis.

MARYLAND SEA GRANT COLLEGE

Christopher F. D'Elia, Ph.D., *Director*

0112 Skinner Building
 University of Maryland College Park
 College Park, MD 20742 (301) 405-6371

In 1977, the University of Maryland was selected as the site of a sea grant program by the National Oceanic and Atmospheric Administra-

tion. In recognition of the program's accomplishments in estuarine research and public education, the Administration designated the program a national sea grant college in 1982.

The Maryland Sea Grant College focuses its research and education efforts on the Chesapeake Bay, with particular emphasis on important commercial fisheries. Located at the University of Maryland College Park, the College sponsors projects throughout the University System as well as at other agencies and educational institutions.

**UNIVERSITY OF MARYLAND
 MEDICAL SYSTEM**

Morton I. Rapoport, M.D., *President*
 & *Chief Executive Officer*

22 South Greene St. (410) 328-3322
 Baltimore, MD 21201 fax: (410) 328-8664

BUDGET (CODE 36.17.00.01)

	FY1994 (actual)	FY1995 (actual)	FY1996 (approp.)
Funds			
General	\$1,023,917	\$ 680,000	\$ 340,000
Special	\$2,350,000	\$2,900,000	\$2,900,000
Total Funds	\$3,373,917	\$3,580,000	\$3,240,000
Staff			
Authorized		3,312	
Contractual (FTE)		152	
Total Staff		3,464	

HISTORICAL EVOLUTION

University of Maryland Medical System, 1984—

Baltimore Infirmary, 1823-97
 University of Maryland Hospital, 1897-1984
 University of Maryland Medical System,
 University of Maryland Hospital, 1984—

Maryland Institute for Emergency Medical Services
 Systems, Shock Trauma Unit, 1961-84
 University of Maryland Medical System, Maryland
 Institute for Emergency Medical Services
 Systems, Shock Trauma Center, 1984-88
 University of Maryland Medical System,
 Maryland Institute for Emergency Medical
 Services Systems, R Adams Cowley Shock
 Trauma Center, 1988-93
 University of Maryland Medical System, R
 Adams Cowley Shock Trauma Center, 1993—

University of Maryland Cancer Center, 1981-84
 University of Maryland Medical System, University
 of Maryland Cancer Center, 1984—

Hospital for Crippled & Deformed Children,
 1895-1916
 James Lawrence Kernan Hospital, Inc., 1916-86
 University of Maryland Medical System, James
 Lawrence Kernan Hospital, Inc., 1986—