

BIOGRAPHICAL SKETCH

Give the following information for the key personnel and consultants and collaborators. Begin with the principal investigator/program director. Photocopy this page for each person.

NAME Peter M. Mathsien		POSITION TITLE Project Staff Scientist	
EDUCATION (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE	YEAR CONFERRED	FIELD OF STUDY
Dowling College, Oakdale, NY	B.A.	1980	Biology
University of Illinois at Chicago, Chicago, IL	Ph.D.	1987	Molecular Biology

RESEARCH AND/OR PROFESSIONAL EXPERIENCE: Concluding with present position, list in chronological order previous employment, experience, and honors. Key personnel include the principal investigator and any other individuals who participate in the scientific development or execution of the project. Key personnel typically will include all individuals with doctoral or other professional degrees, but in some projects will include individuals at the masters or baccalaureate level provided they contribute in a substantive way to the scientific development or execution of the project. Include present membership on any Federal Government public advisory committee. List, in chronological order, the titles, all authors, and complete references to all publications during the past three years and to representative earlier publications pertinent to this application. DO NOT EXCEED TWO PAGES.

Professional Experience

1981-1986 Teaching Assistant, University of Illinois at Chicago
 1980-1987 Research Assistant, University of Illinois at Chicago
 1988-1989 Research Fellow in Chemistry, California Institute of Technology, Pasadena, CA.
 1989-1991 Research Fellow in Biology, California Institute of Technology, Pasadena, CA.
 1991-1994 Sr. Research Fellow in Biology, California Institute of Technology, Pasadena, CA.
 1994 - Project Staff Scientist, Department of Neurosciences, The Cleveland Clinic Foundation, Cleveland, Ohio.

As a Research Fellow and Senior Research Fellow in the Laboratory of Dr. Leroy Hood I initiated a project that used RT-PCR to examine very accurately the differential expression of MBP mRNA isoforms during development. We also detected a novel MBP mRNA isoform that is expressed early in the embryo. In addition we also discovered expression of this protein in the liver, spleen, and other organs of the embryo. In the short time I have been at the Cleveland Clinic Foundation, I have initiated a series of projects exploring mRNA stability and translocation as a means of regulating myelin-specific gene expression. I am currently planning on submitting a paper describing our results at the end of this summer.

Honors

1977-1980 Dean's List, Dowling College
 1979-1980 Biology Award, Dowling College
 1983 Grant-in-Aid of Research, The Society of the Sigma Xi, 1983
 1986 Second Place Winner, National Tissue Culture Association Virginia Evans Awards Competition
 1988-1991 National Institute of Health, National Research Service Award #F32 HD07166
 1991-1994 Advanced Postdoctoral Fellow of the National Multiple Sclerosis Society #FG 939-A-1
 1993 The Dale E. McFarlin Award, The National Multiple Sclerosis Society
 1994 Research Grant, The National Multiple Sclerosis Society #RG 2681-A-1/T