

1991 Grants

Investigator	Institution	Project Title	Grant Duration	Amt Granted
Stephen Clark, M.D. *	VA Medical Center Newington, Conn.	Genetic and molecular analysis of the tight skin locus in the mouse	One Year	\$43,208
Benoit de Crombrughe, M.D. **	University of Texas Houston, Texas	Molecular mechanisms of Type I & III collagen synthesis in scleroderma fibroblasts	One Year	\$43,972
William Earnshaw, Ph.D. *	Johns Hopkins University Baltimore, Md.	Development of improved assays for the detection of anti-centromere antibodies	One Year	\$22,000
Robert Garver, Jr., M.D. *	University of Alabama Birmingham, Ala.	Growth factor expression protein production on the lower respiratory tract of individuals with scleroderma	One Year	\$44,000
Barry Gruber, M.D. **	SUNY at Stony Brook Albany, N.Y.	Role of mast cells in tryptase in the pathogenesis of scleroderma (renewal)	One Year	\$40,973
Mary Jones, M.D. **	University of Iowa Iowa City, Iowa	Investigation of immune dysregulation in a murine model of eosinophilia-myalgia syndrome	One Year	\$44,000
G. J. Laurent, Ph.D. *	National Heart & Lung Institute London, England	Localization of transforming growth factor B in the lungs of patients with systemic sclerosis and assessment of its role in the regulation of collagen gene expression	One Year	\$43,732
Gerd Maul, Ph.D. *	Wistar Institute Philadelphia, Penn.	Fibroblast and endothelial cells in pathogenesis of scleroderma	One Year	\$44,000
James Norris, Ph.D. *	Medical University of South Carolina Charleston, S.C.	Analysis of the development of TSK phenotype and its	One Year	\$43,560

		linkage to chromosome		
Noelynn Oliver, Ph.D. **	Tufts University Boston, Mass.	Fibronectin gene expression in abnormal wound healing	One Year	\$44,000
Daniel Pennington, M.D.*	North California Institute for Research and Education San Francisco, Calif.	Purification of a mast cell-derived growth factor for fibroblasts	One Year	\$43,845
Ignacio Sanz, M.D. *	University of Texas San Antonio, Tx.	Genetic basis of scleroderma specific autoantibodies	One Year	\$44,000
Richard Silver, M.D. *	Medical University of South Carolina Charleston, S.C.	Cytokines and fibrosis in scleroderma lung disease	One Year	\$44,000
Ethylin Wang Jabs, M.D. *	Johns Hopkins University Baltimore, Md.	Molecular mechanisms of antro-centromere antibody mediated chromosomal abnormalities in systemic sclerosis	One Year	\$44,000
Barbara White Needleman, M.D. **	University of Maryland Baltimore, Md.	Diversity of V (delta) 1/C (gamma) 2 bearing T cells in patients with scleroderma	One Year	\$44,000
Frederick Wigley, M.D. *	Johns Hopkins University Baltimore, Md.	Assessment of peripheral circulation in patients with systemic sclerosis using continuous ambulatory skin temperature monitoring (CAST)	One Year	\$34,166
Martin Zamora, M.D. *	University of Colorado Denver, Colo.	Cause and consequence of endothelial dysfunction in progressive systemic sclerosis: a potential contributor to vascular obstruction	One Year	\$44,000
			Total Granted 1991:	\$711,456

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