

## Pepper Pilot Awards Year 01 (02/01/00 – 01/31/01)

Name	Department	Title of Research	Amount Awarded
Elena Volpi, M.D., Ph.D.	Internal Medicine	A Novel Method to Measure Myofibrillar Protein Turnover	\$37,250
Charles A. Stuart, M.D.	Internal Medicine Endocrinology	Aging and the Expression of Muscle Glucose Transporters	\$37,250
John Papaconstantinou Ph.D.	HBC&G	Role of Myostatin in Regulation of Sarcopenia	\$37,250
Taylor J. Marcell, Ph.D.	Internal Medicine	The Effects of Testosterone Administration on Skeletal Muscle Gene Expression from Healthy Older Men Using the DNA Array	\$34,270

## Pepper Pilot Awards Year 02 (02/01/01 – 01/31/02)

Name	Department	Title of Research	Amount Awarded
Jeffrey D. Ceci, Ph.D.	Human Biological Chemistry & Genetics	Analysis of Tp12 Knockout Mice for Oxidative Stress and Aging	\$37,250
Philip Palade, Ph.D.	Physiology & Biophysics	Causes of decreased dihydropyridine binding in aging rodent muscle.	\$37,250
John Papaconstantinou, Ph.D.	Human Biological Chemistry & Genetics	Genomics-Proteomics in Molecular Genetics of Aging Program	\$149,000
Dennis C. Gore, M.D.	Surgery	Influence of Age on Glucose Metabolism during Sepsis	\$33,750
Ana M. Pajor, Ph.D.	Physiology & Biophysics	Involvement of the NA <sup>+</sup> /dicarboxylate cotransporter in aging.	\$5,000

## Pepper Pilot Awards Year 03 (02/01/02 – 01/31/03)

Name	Department	Title of Research	Amount Awarded
Lisa J. Gould, M.D.	Surgery	Aging, and Wound Healing	\$37,250
Owen Hamill, Ph.D.	Physiology & Biophysics	Mechanical Stimulation (exercise) of animal cells increases constitutive membrane trafficking and ATP release that may delay the deleterious effects of aging	\$37,250
Arny A. Ferrando, Ph.D.	Surgery	Muscle Function in Older Individuals: The Relationship Between Muscle Oxidative Capacity and Muscle Function	\$65,925

## Pepper Pilot Awards Year 04 (02/01/03 – 01/31/04)

Name	Department	Title of Research	Amount Awarded
Tetsuo Ashizawa, M.D.	Neurology	Myotonic Distrophy Type 1	\$74,500
William E. Mitch M.D.	Internal Medicine	Molecular Mechanisms in Skeletal Muscle Protein Catabolism	\$50,000
Ping Wu & Joel Gallagher	Pharmacology	The effectiveness of stem cells.	\$25,000

## Pepper Pilot Awards Year 05 (02/01/04 – 01/31/05)

Name	Department	Title of Research	Amount Awarded
Elisabet Boersheim Ph.D.	Surgery	Transcapillary insulin transport in aging	\$52,081
Kevin Tipton Ph.D.	Surgery	Resistance exercise mediates insulin resistance of skeletal muscle in the elderly	\$67,019