

Stella Elkabes, Ph.D.
Grant # 01-3008-SCR-S-0

List of Publications:

Elkabes S, Arguelles Grande C, Donahue KC, Kurnellas MP, 2006, Microglial signals induce pathology of spinal cord neurons by modulating the expression of plasma membrane calcium ATPase 2 (PMCA2), (in preparation).

Kurnellas MP, Nicot A, Shull GE, Elkabes S (2004) Plasma membrane calcium ATPase deficiency causes neuronal pathology in the spinal cord: a potential mechanism for neurodegeneration in multiple sclerosis and spinal cord injury FASEB J (Epub Dec. 2, 2004), 19:298-300.

Elkabes S and Nicot A. (2003) Aberrant calcium extrusion mechanisms may contribute to secondary spinal cord injury. *J. Neurol.* 250 (2), 179.

Elkabes S, Nicot A, Kurnellas M (2003) Molecular mechanisms underlying neuronal/axonal pathology in spinal cord trauma and inflammation: the role of microglia. Second Symposium on NJCSCR, NJ, USA.

Elkabes S, Nicot A, Shull GE, Kurnellas MP (2004) Molecular mechanisms of neuronal pathology in the spinal cord: implications for multiple sclerosis and spinal cord injury. Abstracts Soc. Neurosci., 34th Annual Meeting.

Promotions and Other Grants:

Some of the results that were obtained by use of NJCSCR grant funds contributed to the formulation of another grant, which is now funded by NIH/NINDS (R01 NS046363). Dr. Elkabes has also been promoted to Associate Professor during the funding period provided by NJCSCR.