

## BIOGRAPHICAL SKETCH

Give the following information for the key personnel and consultants listed on page 2. Begin with the Principal Investigator/Program Director. Photocopy this page for each person.

NAME	POSITION TITLE	BIRTHDATE (Mo., Day, Yr)	
Henry Sershen	Research Scientist VI	9/24/47	
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
Iona College, New Rochelle, NY	B.S.	1969	Biology
Fordham University, Bronx, NY	M.S.	1972	Biology
New York University, New York, NY	Ph.D.	1981	Biology

RESEARCH AND PROFESSIONAL EXPERIENCE: Concluding with present position, list, in chronological order, previous employment, experience, and honors. Include present membership on any Federal Government public advisory committee. List, in chronological order, the titles 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.

## EXPERIENCE

**Nathan S. Kline Institute, Center for Neurochemistry**  
**Orangeburg, NY 10962-2210**

1969-1976 Assistant Research Scientist: G-14  
 1976-1979 Research Scientist II: G-22  
 1979-1984 Research Scientist IV: G-27  
 1984-1988 Research Scientist V: G-31  
 1988- Research Scientist VI: G-35

**N.Y.U. Medical Center**

1987- Research Assistant Professor

## PUBLICATIONS (Past three years)

67. Sershen, H., Berger, P., Jacobson, A.E., Rice, K.C., and Reith, M.E.A. Metaphit prevents locomotor activation induced by various psycho-stimulants and interferes with the dopaminergic system in mice. *Neuropharmacology* 27, 23-30 (1988).
68. Debler, E.A., Hashim, A., Lajtha, A., and Sershen, H. Ascorbic acid and striatal transport of [<sup>3</sup>H]1-methyl-4-phenylpyridine (MPP<sup>+</sup>) and [<sup>3</sup>H]dopamine. *Life Sci.* 42, 2553-2559 (1988).
69. Wiener, H.L., Hashim, A., Lajtha, A., and Sershen, H. (-)-2-oxo-4-thia-zolidine carboxylic acid attenuates 1-methyl-4-phenyl-1,2,3,6-tetra-hydropyridine induced neurotoxicity. *Res. Subst. Abuse* 9, 53-60 (1988).
70. Lajtha, A., Sershen, H., and Dunlop, D. Developmental changes in cerebral amino acids and protein metabolism. In: *Amino Acid Availability and Brain Function in Health and Disease*. (G. Huether, ed.), Springer-Verlag, Berlin, Heidelberg, Vol. H20, pp.393-402 (1988).
71. Borsodi, A., Csernus, K., Sershen, H., and Lajtha, A. Interactions of opioid and Alpha<sub>2</sub>-adrenergic systems. In: *Peptides* (Penke, Torok, (eds.), Walter de Gruyter & Co., Berlin, New York, pp. 157-162 (1988).
72. Sershen, H., Hashim, A., Wiener, H.L., and Lajtha, A. Effect of chronic oral nicotine on dopaminergic function in the MPTP-treated mouse. *Neurosci. Lett.* 93, 270-274 (1988).