

CURRICULUM VITA FOR: John H. Collins, Ph.D., Principal Investigator

Education:

1965, B.A. Chemistry, Northeastern University  
1970, Ph.D. Biochemistry, Boston University

Employment:

1969-76, Research Fellow, Research Associate, and Staff Scientist,  
Department of Muscle Research, Boston Biomedical Research  
Institute  
1976-77, Assistant Professor, Department of Cell Biophysics, Baylor  
College of Medicine  
1977-84, Assistant Professor and Associate Professor, Department  
of Pharmacology and Cell Biophysics, University of Cincinnati  
College of Medicine  
1984-1987, Professor, Department of Biology, Clarkson University  
1987-present, Professor, Department of Biological Chemistry,  
University of Maryland School of Medicine, and member of the  
Maryland Biomedical Technology Institute

Professional Societies:

American Society of Biological Chemists, American Physiological  
Society, Biophysical Society, American Chemical Society, New York  
Academy of Sciences, AAAS

Manuscript Reviewer for:

J. Biol. Chem., Biochemistry, J. Molec. Biol., Arch. Biochem.  
Biophys., Anal. Biochem., Proc. Natl. Acad. Sci. (USA),  
Neurochemistry International

Grant Reviewer for NIH, NSF.

BIBLIOGRAPHY: (Publications, selected from a list of 50, which are directly  
pertinent to this proposal. Copies of the five articles indicated below  
by (\*) are included in the Appendix.

\*Collins, J.H., Kranias, E.G., Reeves, A.S., Bilezikjian, L.M. and Schwartz,  
A.: Isolation of phospholamban and a second proteolipid component from  
canine cardiac sarcoplasmic reticulum. Biochem. Biophys. Res. Commun.,  
99: 796-803, 1981.

Collins, J.H., Forbush, B., Lane, L.K., Ling, E., Schwartz, A. and Zot,  
A.S.: Purification and characterization of a proteolipid component of  
Na,K-ATPase labeled with a photoaffinity derivative of ouabain. Biochim.  
Biophys. Acta, 686: 7-12, 1982.

Munakata, H., Schmid, K., Collins, J.H., Zot, A.S., Lane, L.K. and  
Schwartz, A.: The alpha and beta subunits of lamb kidney Na,K-ATPase  
are both glycoproteins. Biochem. Biophys. Res. Commun. 107: 229-231,  
1982.

Collins, J.H., Zot, A.S. and Kranias, E.G.: Isolation of two proteolipids  
from rabbit skeletal muscle sarcoplasmic reticulum. Prep. Biochem. 12:  
255-264, 1982.