

FINAL REPORT


Project title: Immunofluorescence Detection of Neurokinin B Receptor Internalization: a Tool to Enhance Undergraduate Experience in Reproductive Neuroendocrinology

Number of students impacted by the proposal: 01 student, major in Animal Science; Kelsey M. Spell

Learning outcomes: Student experienced animal- and laboratory-related procedures during the duration of this project. Animal-related procedures included the appropriate and humane treatment of experimental animals (sheep), and collection of blood and tissue for research purposes. Laboratory-related procedures included processing of blood samples for endocrine investigations, processing of tissue for histology, immunocytochemical detection of target proteins, microscopic identification and quantification of neurons in neuroendocrine regions of the brain. A preliminary report of the research project partially funded by this proposal will be presented in abstract form at the Annual Meeting of the Society for Neuroscience, in November 2008. Ms. Spell is a coauthor in the abstract.

Budget Expenditures:

RIA reagents and materials	50.00
Reagents and materials for immunocytochemistry	210.00
Fee for use of microscope	<u>240.00</u>
TOTAL	500.00


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