FCR 7

Office of the President
December 11, 2007

Members, Board of Trustees:

PATENT ASSIGNMENT REPORT

<u>Recommendation</u>: that the Board of Trustees accept the patent assignment report for the period ending October 31, 2007.

<u>Background</u>: At its March 4, 1997 meeting, the Board of Trustees authorized the University of Kentucky Research Foundation to conduct all future copyright and patent filings and prosecutions. Quarterly reports on patent and copyright applications are to be submitted to the Finance Committee of the Board.

Action taken: ☑ Approved   ❑ Disapproved   ❑ Other _____

PATENT ASSIGNMENT
QUARTERLY FOR THE PERIOD AUGUST 1, 2007 THROUGH OCTOBER 31, 2007

<u>Patents</u>

The following assignment on behalf of the Board of Trustees of the University of Kentucky Research Foundation has been executed:

1.   **U.S. Patent Application Serial Number: (to be assigned)**
        Filed: July 25, 2007
        Title: "Biomarkers of Mild Cognitive Impairment and Alzheimer's Disease"
        Inventors: Drs. Mark Lovell and Bert Lynn (Chemistry)
        Technical Description: The present invention relates to the field of detection and monitoring of neurodegenerative disorders, including Alzheimer's disease and mild cognitive impairment (MCI). More specifically, the invention relates to proteinaceous biomarkers that can be measured in biological fluids, biomarkers which can be used to aid in the detection of neurodegenerative disorders, including Alzheimer's disease and mild cognitive impairment.
        Summary: Attempts to diagnose early-stage Alzheimer's disease relies on a battery of behavioral observations. The diagnosis remains inaccurate because behaviors associated with early-stage Alzheimer's disease also are associated with a variety of other disease states. Here, the inventors have identified combinations of proteins in spinal fluids that appear to be elevated in early-stage Alzheimer's patients but not other patients. This discovery promises to lead to more accurate early diagnosis, which will permit a more careful analysis of the progress of Alzheimer's disease and in turn may provide better clues about the cause and treatment of the disease.

Patent Activities
Fiscal year to date as of October 30, 2007

Number of Patent Applications   3
Number of Patents Issued   4
Patent Income $284,227