## FUNCTIONAL STUDIES ON INTERLEUKIN 24 IN VITRO AND IN VIVO

By

Miao He

Thesis

Submitted to the Faculty of the

Graduate School of Vanderbilt University

in partial fulfillment of the requirements

for the degree of

## MASTER OF SCIENCE

in

Cancer Biology

May, 2009

Nashville, Tennessee

Approved:

Professor Peng Liang

Professor Jin Chen