OPTIMIZATION OF HUMAN CYTOMEGALOVIRUS (HCMV) DETECTION BY POLYMERASE CHAIN REACTION FOR THE DIAGNOSIS OF HCMV RETINITIS AND MONITORING OF DISEASE REACTIVATION IN TRANSPLANTATION PATIENTS

NONGLUCK SIHAPUNYA

A THESIS SUBMITTED TO THE GRADUATE SCHOOL IN PARTIAL FULFILLMENT OF THE REQUIREMENTS

FOR THE DEGREE OF

MASTER OF SCIENCE

IN MEDICAL TECHNOLOGY

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GRADUATE SCHOOL

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29 September 2003

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Nongluck Sihapunya