

**FUNCTIONAL STUDY OF MONOCYTE-DERIVED DENDRITIC CELLS OF  
HIV-INFECTED PATIENTS IN INDUCING T LYMPHOCYTE  
PROLIFERATION AND CYTOKINE PRODUCTION**

**NATHAPOL KHURAKUMLAW**

**MASTER OF SCIENCE  
IN MEDICAL TECHNOLOGY**

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**NATHAPOL KHROUKUMLAW**

**A THESIS SUBMITTED TO THE GRADUATE SCHOOL IN  
PARTIAL FULFILLMENT OF THE REQUIREMENTS  
FOR THE DEGREE OF  
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IN MEDICAL TECHNOLOGY**

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THIS THESIS HAS BEEN APPROVED  
TO BE A PARTIAL FULFILLMENT OF THE REQUIREMENTS  
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