

**STUDY OF THE NUCLEOTIDE POLYMORPHISM OF CCR5 PROMOTER,  
CCR5 $\Delta$ 32 AND CCR5-m303 MUTATIONS AND THEIR PROTEIN DENSITY  
EXPRESSED ON THE SURFACE OF CD4+ LYMPHOCYTES AND  
MONOCYTES FROM HIV HIGHLY EXPOSED PERSISTENTLY  
SERONEGATIVE (HEPS) PERSONS**

**TANAWAN SAMLEERAT**

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

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่

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**GRADUATE SCHOOL  
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**EXAMINING COMMITTEE**

*P. Leechanachai* ..... **CHAIRPERSON**

**Asst. Prof. Dr. Pranee Leechanachai**

*W. Sirirungsi* ..... **MEMBER**

**Asst. Prof. Dr. Wasna Sirirungsi**

*V. Klinbuayaem* ..... **MEMBER**

**Mr. Virat Klinbuayaem**

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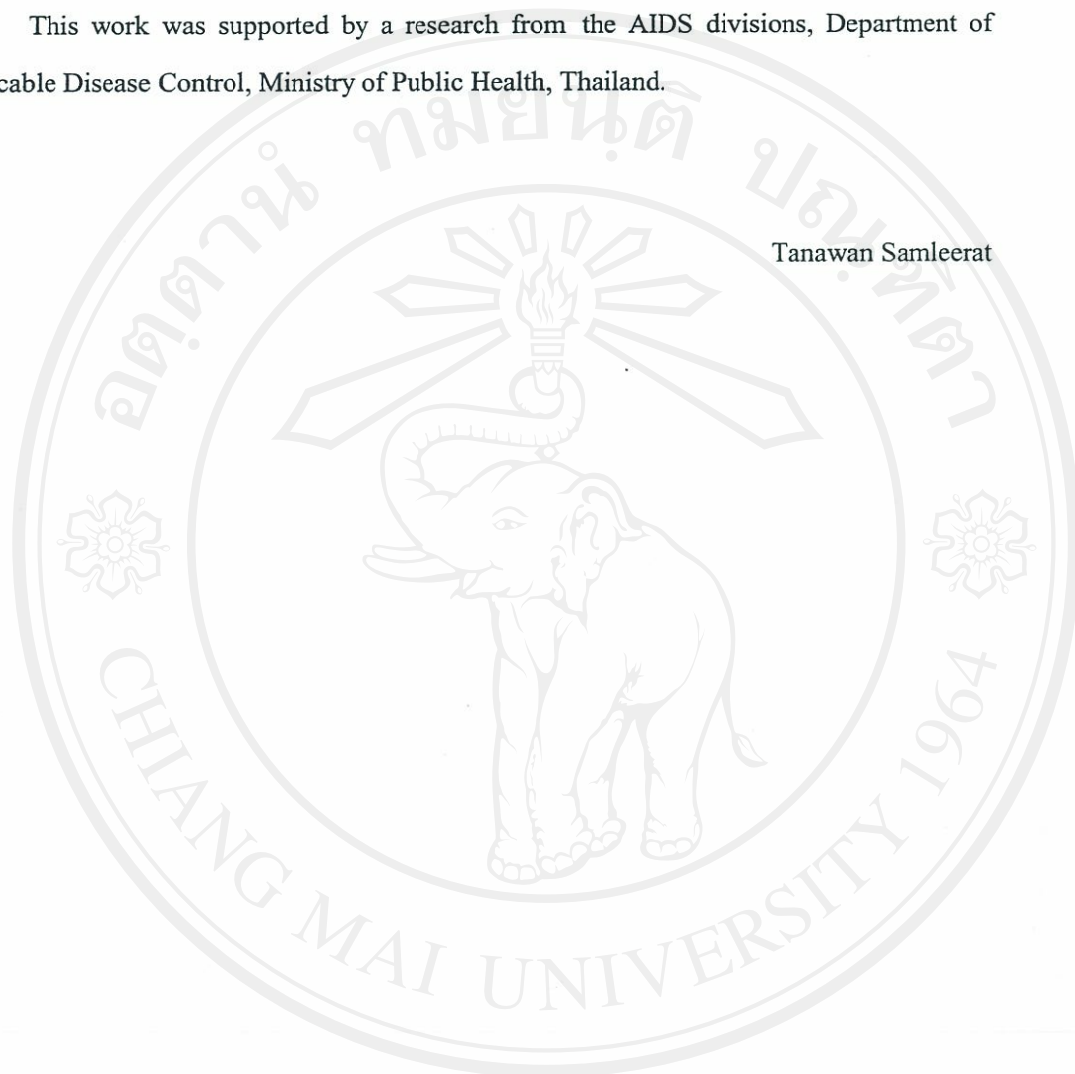
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