

**GENERATION OF *PLASMODIUM BERGHEI* EXPRESSING *PLASMODIUM*  
*VIVAX* DIHYDROFOLATE REDUCTASE-THYMIDYLATE SYNTHASE  
ENZYME FOR ANTIFOLATE SCREENING**



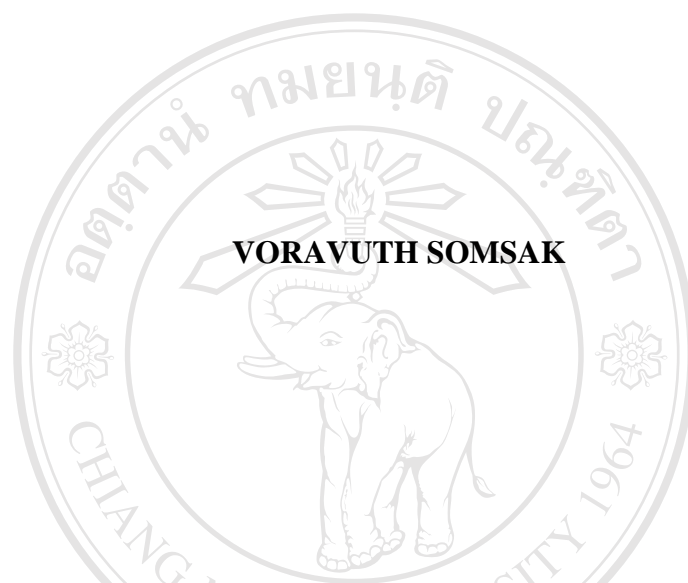
**VORAVUTH SOMSAK**

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่  
DOCTOR OF PHILOSOPHY  
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IN BIOCHEMISTRY  
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**THE GRADUATE SCHOOL  
CHIANG MAI UNIVERSITY**

**OCTOBER 2011**

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**VORAVUTH SOMSAK**

**A THESIS SUBMITTED TO THE GRADUATE SCHOOL IN  
PARTIAL FULFILLMENT OF THE REQUIREMENTS  
FOR THE DEGREE OF  
DOCTOR OF PHILOSOPHY  
IN BIOCHEMISTRY**

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

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19 October 2011

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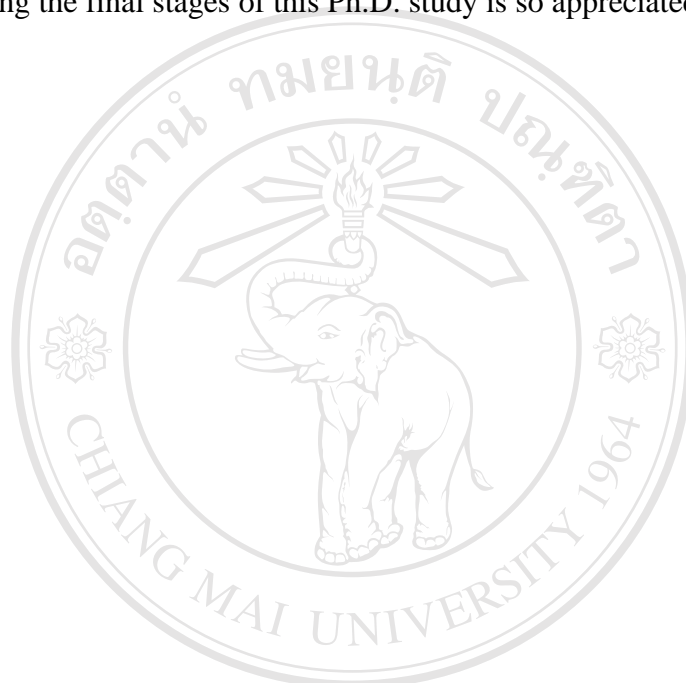
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