

**IDENTIFICATION AND ISOLATION OF VIRULENT
GENES DIFFERENTIALLY EXPRESSED BY
PENICILLIUM MARNEFFEI DURING
MACROPHAGE INFECTION**

SOPHIT THIRACH

**DOCTOR OF PHILOSOPHY
IN MICROBIOLOGY**

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่

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**THE GRADUATE SCHOOL
CHIANG MAI UNIVERSITY
MARC 2008**

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**A THESIS SUBMITTED TO THE GRADUATE SCHOOL IN
PARTIAL FULFILLMENT OF THE REQUIREMENTS
FOR THE DEGREE OF
DOCTOR OF PHILOSOPHY
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THIS THESIS HAS BEEN APPROVED
TO BE A PARTIAL FULFILLMENT OF THE REQUIREMENTS
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IN MICROBIOLOGY

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