

**CLONING AND ANALYSIS OF GENES ENCODING
ANTIGENIC PROTEINS FROM
*PENICILLIUM MARNEFFEI***

PATTHAMA PONGPOM

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

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่

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GRADUATE SCHOOL
CHIANG MAI UNIVERSITY
APRIL 2004

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**THIS THESIS HAS BEEN APPROVED
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26 April 2004

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ACKNOWLEDGEMENT

First and foremost, my deepest gratitude and appreciation go to my beloved mentor, Prof. Dr. Nongnuch Vanittanakom. She is an excellent advisor. In fact, she is sometimes likes an older sister who always takes care of her younger sisters. She has been with me during these frustrating and demanding 6 years, providing support and encouragement when I needed it the most. I express my sincere gratitude to Associate Professor Dr. Nopporn Sittisombut, my co-advisor, for his professional guidance and valuable suggestions. At the very early stages of my study, he already made me realize what it takes to be a good scientist. Furthermore, the expression part of this thesis would not have been successful without his help. I also thank Associate Professor Dr. Pichart Uparanukraw, a chairman of Department of Parasitology, Faculty of Medicine, Chiang Mai University. His valuable suggestions and generous support are unforgettable.

I am very grateful to my admirable co-advisor, Assistant Professor Dr. Chester Cooper, Jr., Department of Biology, Youngstown State University, Ohio, USA. The successful accomplishment of this thesis would not have been possible without his valuable help. He made me a junior molecular biologist by teaching me several basic molecular biology techniques during the pleasant and productive six months that I spent under his guidance. I also thank Dr. Paul Peterson. He always made sure that I did not have any shortage of chemicals and equipment during my research at Youngstown State University. Thanks also go to Dr. Johnston, Dr. Walker, Dr. Levison, and all faculty members of Department of Biology, for their kind help in the laboratory and for making me feel home. Additionally, I thank all my friends there for their warm friendship, especially Larry Felix, Thomas Gifford, Jen Mosher and Zsolt Szekely. There are a number of friends who helped me during the time I was there, but I cannot mention them all here. However, they will be remembered for my entire life.

I would like to acknowledge the Royal Golden Jubilee project of the Thailand Research Fund, the main funding source of this study. Additionally, I also thank to the Faculty of Medicine Endowment Fund for Research, Chiang Mai University. Without the financial supports from these funding sources, this work could not have been possible. I also thank Research and Equipment Center, Department of Biochemistry, Faculty of Medicine, Chiang Mai University, and Department of Radiology, Maharaj Nakorn Chiang Mai Hospital, for permission to use their research equipment throughout this study.

I specifically thank to my dear sister, Miss Monthicha Pongpom for her help on figure drawing and management. My deep gratitude also goes to Dr. Nongnuch Vanittanakom, Dr. Pichart Uparanukraw, Dr. Thira Sirisanthana, Dr. Chester R. Cooper, Jr., Dr. Matthew Fisher, Mr. Zsolt Szekely, and Miss Jira Pongpom for correcting the thesis manuscript.

There are many additional people to whom I specifically express my thanks, including Dr. Niwat Maneekarn, Dr. Sumalee Pruksakorn, Dr. Prasit Tharavichitkul, Dr. Poonsook Kelapang, Dr. Amornrat Kanjanaluethai, and all faculty members of Department of Microbiology for their comments and concerns. Additionally, I also thank Mrs. Chantana Uthammachai, Mr. Tripet Wannalak, Miss Prakaimook Saraithong, Mrs. Watcharee Kongrat, Miss Suwannee Kongrat, Miss Sophit Thirach, Miss Jitwadee Subhapand, Miss Jutarat Praparatanapan, Mr. Aksarakorn Khammasuk, Miss Siriporn Jongkae, Mrs. Saengusa Khemaleelakul, Miss Nonglak Yoonim, Mr. Parinya Sansiritragoul, and all dear friends in the Department of Microbiology. They have filled my long period of study with warmth and happiness. My apologies go to the individuals that I possibly have failed to list here; it has been too many people in my memory.

Finally, but most importantly, I dedicate this thesis to my parents, sisters and brother. Their eternal love always encourages me whenever I felt down. I specifically express my appreciation to my father for his endless support. He has worked very hard for the family. However, his exhaustion is replaced with exultation when seeing the success of his children. His goodness has touched my heart. Making him happy and proud is the ultimate goal of my life.

Patthama Pongpom

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