

Table 1. Estimated Budget List of Master's Thesis Proposal

| BUDGET FRAME | |
|---|------------------------|
| Items | Estimated Budget |
| <i>Serratia marcescens</i> strains | 2,000.00 |
| Eppendorf and PCR Tubes | 3,000.00 |
| Micropipettor Tips (Blue and Yellow Tips) | 1,000.00 |
| Primer, restriction enzymes and ligase | 13,000.00 |
| PCR Kit | 9,000.00 |
| Cloning Kit | 14,000.00 |
| Services (DNA Sequencing) | 10,000.00 |
| Chemicals | |
| Manuscript | c/o Dr. Franco G Teves |
| Total | 62,000.00 |

Table 2. Assumed Schedule of Master's Thesis Proposal Activities from 2nd semester of 2009-2010 to 1st semester of 2010-2011

| SCHEDULE OF ACTIVITIES | | |
|--|--|--|
| Second Semester of School Year 2009-2010 | | |
| Activity 1 | November-December | Making Research Proposal Outline, Formulating the Significance and Objectives of the Study |
| Activity 2 | January 29, 2010 | Comprehensive Exam |
| Activity 3 | February-March | Literature Review and Identification of the Methods of Data Collection and Analysis |
| Third Semester (Summer) | | |
| Activity 4 | April | Proposal Manuscript Editing and Polishing |
| Activity 5 | May | Final Proposal Defense, Preparing the Materials, Dry-run Activity |
| First Semester of School Year 2010-2011 | | |
| Activity 6 | June 2 nd week | Bacterial Culture |
| Activity 7 | June 3 rd -4 th week | Genomic DNA Isolation |
| Activity 8 | July | Gene Cloning |
| Activity 9 | August-September | DNA Sequencing and DNA Analysis |
| Activity 10 | October | Manuscript Encoding, Editing, Final Thesis Defense |

DEPARTMENT OF BIOLOGICAL SCIENCES
COLLEGE OF SCIENCE AND MATHEMATICS
MSU-ILIGAN INSTITUTE OF TECHNOLOGY

April 27, 2010

ENGR. ERMIE M. BACARRA
Chief, Philippine Council for Advanced Science &
Technology Research & Development-HRIDD
DOST Main Bldg., Gen. Santos Avenue,
Bicutan, Taguig, M.M.

Dear Madam:

This pertains to my accomplishment report of Bio 300 (Master's Thesis) enrolled last 2nd semester of School Year 2009-2010.


My Thesis Proposal is entitled "CLONING AND CHARACTERIZATION OF *swrA* GENE INVOLVED IN SERRAWETTIN BIOSYNTHESIS OF *Serratia marcescens*" and my proposal defense will be scheduled on May 2010.

Attached herewith is my Thesis Progress Report of last 2nd semester as agreed.

Respectfully Yours,


Monabel May N. Apao
Grantee

Endorsed by:


Franco G. Teves, Ph.D.
Thesis Adviser


SUBJECT: MASTER'S THESIS PROGRESS REPORT
 NAME: MONABEL MAY N. APAO
 COURSE: MS BIO-2

TITLE: CLONING AND CHARACTERIZATION OF *swrA* GENE INVOLVED IN SERRAWETTIN BIOSYNTHESIS OF *Serratia marcescens*

OBJECTIVE: To determine the sequence of *swrA* gene in local strains of *Serratia marcescens* and to characterize the gene sequence through bioinformatics.

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 Franco G. Teves, Ph.D.
 Thesis Adviser