

III. OBJECTIVES

1. To isolate and characterize *hsp70* gene from *Penicillium marneffei* cDNA library and genomic DNA.
2. To investigate the differential expression of *hsp70* gene during phase transition, heat shock and severe heat shock conditions in *P. marneffei*.
3. To characterize the splicing of *hsp70* mRNA transcript during saprobic and parasitic phases transition.