



## Plant and Microbe Interactions

### *Dissecting rice and rice blast fungus interaction*

Rice blast disease is one of the most important constraints to rice production worldwide. Understanding the interaction between rice and rice blast fungus will facilitate the breeding program for resistance to rice blast disease.



Mapping rice blast resistant genes in rice genome using DNA markers and studying the genetic variation of *R* gene in rice and *Avr* gene in rice blast fungus.

## Oil Palm Genetics & Genomics

### *Identification and Characterization of genes involved in somatic embryogenesis in oil palm*



We are interested in identifying genes involved in somatic embryogenesis in oil palm in order to understand the mechanism and regulation of this developmental process as well as to shortening the tissue culture process in oil palm for mass propagation.