

# Connecting the biologies of rice disease resistance, drought tolerance and flowering times

## ACTIONS

WP1 To establish the phenotype for disease resistance, drought tolerance and flowering time of all rice lines in the project

WP2 To establish, using gene expression studies, the regulatory connections between the targeted biological pathways

WP3 To establish connections nodes, as identified by Yeast-two-hybrid approaches and cellular imaging, between the targeted biological pathways

WP4 To integrate all information produced by the other WPs, identifying the most relevant connection hubs and demonstrating their role in the targeted biological pathways

## PERSPECTIVES

The data from the project (expression and Y2H) will be inserted into the OrygenesDB. Mutants in the genes corresponding to the starting nodes have been produced and will be evaluated for all traits targeted by the project. One expectation is to dis-connect the regulation of drought and disease resistance.

**Responsable :**

**Date de démarrage :** 01/07/2012

**Date de clôture :** 31/12/2015

**Montant :**

