

Gene expression analysis of *Xanthomonas albineans* during leaf scald in sugarcane

PERSPECTIVES

Action 1: The candidate genes identified by the microarray analyses will be further studied. The expression of these genes will be studied by quantitative RT-PCR in the samples collected from the stem of sugarcane plants inoculated with the *X. albineans* strain GPE PC73.

Functional analysis of these genes will be performed with knockout mutants in which these genes will be inactivated. Professor Caitilyn Allen will participate to this future project.

Action 2: Professor Caitilyn Allen will participate to the future student exchange programs between University of Wisconsin-Madison and Montpellier SupAgro. She also will participate to the Advisory Committees of the future Ph.D. students of BGPI who will study pathogenicity of *X. albilineans*.

Responsable :

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Montant :

