CITRUS ADVANCED TECHNOLOGY PROGRAM

QUARTERLY & FINAL REPORTS: Control of Citrus Greening, Canker & Emerging Diseases of Citrus

SELECT PERIOD March 2011

(●) *Quarterly Report* ( ) *Final*

Proposal Title

Integrative approaches to discover pathogenesis-associated proteins from the causal agent of citrus greening disease.

Today's Date	Sponsoring Organization (drop-down)	Category (drop down)
4/2/13	Citrus Research and Development Foundation	Pathogen/Disease Detection

REPORT UPDATE (500 words-It is not necessary in this public report to disclose your institution's proprietary information or intellectual property.)

An analysis of the candidate pathogenesis-specific proteins was made to determine which ones would serve as good candidates for protein purification. The citrus genome was not yet publicly available so it was impossible to design primers that could amplify the host genes that appear to be preferentially expressed during pathogenesis. Primers are being designed for the 26 Liberibacter proteins that are expressed exclusively during pathogenesis.

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Organization University of Florida

Project Number 163

Project Duration (years) 3 *Year of Project* 1

Total Funds (current year) $249,000.00

Form PR-12 Quarterly Reports **SUBMIT REPORT**

CITRUS RESEARCH AND DEVELOPMENT FOUNDATION, INC.