



# NREL Support for a Functional Genomics Approach to Investigate Regulation of Phenolic Glycoside

## Cooperative Research and Development Final Report

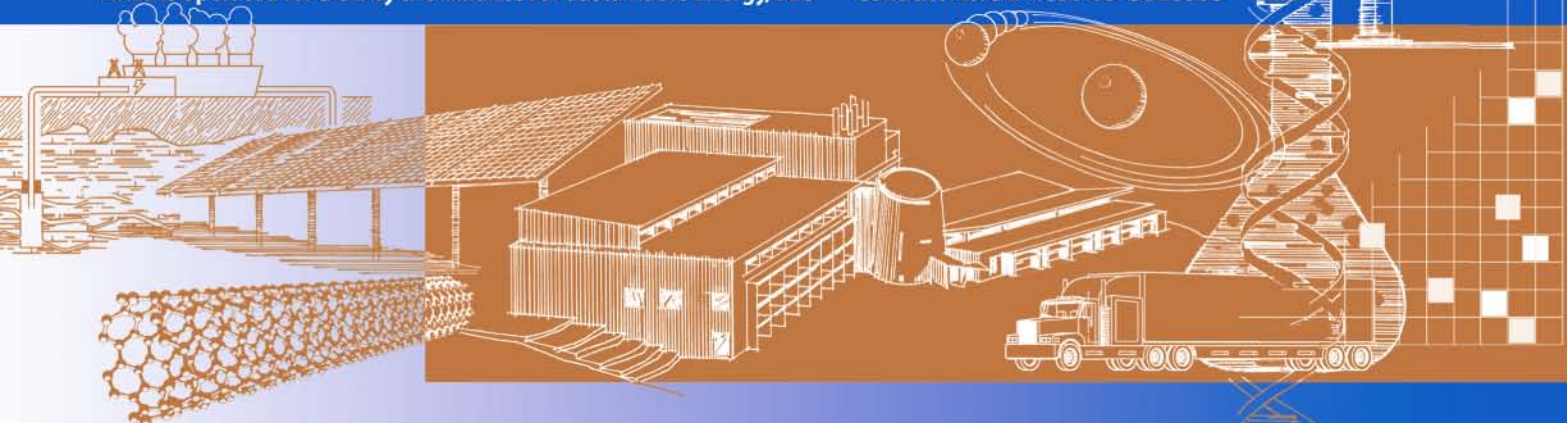
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NREL Technical Contact: Mark Davis

*CRADA Report*  
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In accordance with Requirements set forth in Article XI.A(3) of the CRADA document, this document is the final CRADA report, including a list of Subject Inventions, to be forwarded to the Office of Science and Technical Information as part of the commitment to the public to demonstrate results of federally funded research.

CRADA number: CRD-07-00218

CRADA Title: NREL Support for A functional Genomics Approach to Investigate Regulation of Phenolic Glycoside

Parties to the Agreement: Michigan Technological University + NREL

Abstract of CRADA work:

NREL and MTU are collaborating on a proposal “A Functional Genomics Approach to Investigate Regulation of Phenolic Glycoside Metabolism in Populus” funded by the National Science Foundation. NREL scientists and MTU researchers will collaborate at NREL to perform analytical analysis of leaf and stem samples prepared to change the levels of phenolic glycosides and condensed tannins in poplar samples grown and prepared at MTU. The samples will be analyzed using NREL instrumentation and NREL researchers will assist MTU researchers in data analysis and interpretation.

Summary of Research Results:

NREL and MTU collaborated on a proposal “A Functional Genomics Approach to Investigate Regulation of Phenolic Glycoside Metabolism in Populus” funded by the National Science Foundation. NREL scientists and MTU researchers collaborated at NREL to perform analytical analysis of leaf and stem samples prepared to change the levels of phenolic glycosides and condensed tannins in poplar samples grown and prepared at MTU. The samples were analyzed using NREL instrumentation and NREL researchers assisted MTU researchers in data analysis and interpretation.

Subject Inventions listing: None

Report Date: 3/1/10

Responsible Technical Contact at Alliance/NREL: Davis, Mark

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