

Accepted Manuscript

The allelochemical *trans*-cinnamic acid stimulates salicylic acid production and galactose pathway in maize leaves: A potential mechanism of stress tolerance

Fabrizio Araniti, Antonio Lupini, Antonio Mauceri, Antonino Zumbo, Francesco Sunseri, Rosa Abenavoli Maria



PII: S0981-9428(18)30206-7

DOI: [10.1016/j.plaphy.2018.05.006](https://doi.org/10.1016/j.plaphy.2018.05.006)

Reference: PLAPHY 5253

To appear in: *Plant Physiology and Biochemistry*

Received Date: 29 January 2018

Revised Date: 9 April 2018

Accepted Date: 2 May 2018

Please cite this article as: F. Araniti, A. Lupini, A. Mauceri, A. Zumbo, F. Sunseri, R. Abenavoli Maria, The allelochemical *trans*-cinnamic acid stimulates salicylic acid production and galactose pathway in maize leaves: A potential mechanism of stress tolerance, *Plant Physiology et Biochemistry* (2018), doi: 10.1016/j.plaphy.2018.05.006.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

The allelochemical *trans*-cinnamic acid stimulates salicylic acid production and galactose pathway in maize leaves: a potential mechanism of stress tolerance.

Araniti Fabrizio*, Lupini Antonio, Mauceri Antonio, Zumbo Antonino, Sunseri Francesco,
Abenavoli Maria Rosa

Dipartimento di AGRARIA, Università Mediterranea di Reggio Calabria, Feo di Vito, I-89124
Reggio Calabria, Italy.

**Corresponding author:*

Fabrizio Araniti

Dipartimento di AGRARIA

Università degli Studi “Mediterranea” di Reggio Calabria

I-89122 Località Feo di Vito – Reggio Calabria, Italia

e-mail: fabrizio.araniti@unirc.it

Download English Version:

<https://daneshyari.com/en/article/8352832>

Download Persian Version:

<https://daneshyari.com/article/8352832>

[Daneshyari.com](https://daneshyari.com)