

Accepted Manuscript

Mitochondria dysfunctions under Fe and S deficiency: Is citric acid involved in the regulation of adaptive responses?

Gianpiero Vigani, Youry Pii, Silvia Celletti, Mauro Maver, Tanja Mimmo, Stefano Cesco, Stefania Astolfi



PII: S0981-9428(18)30074-3

DOI: [10.1016/j.plaphy.2018.02.022](https://doi.org/10.1016/j.plaphy.2018.02.022)

Reference: PLAPHY 5159

To appear in: *Plant Physiology and Biochemistry*

Received Date: 2 January 2018

Revised Date: 13 February 2018

Accepted Date: 22 February 2018

Please cite this article as: G. Vigani, Y. Pii, S. Celletti, M. Maver, T. Mimmo, S. Cesco, S. Astolfi, Mitochondria dysfunctions under Fe and S deficiency: Is citric acid involved in the regulation of adaptive responses?, *Plant Physiology et Biochemistry* (2018), doi: 10.1016/j.plaphy.2018.02.022.

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.

1 **TITLE PAGE**

2

3

4 **Title:** Mitochondria dysfunctions under Fe and S deficiency: is citric acid involved in the
5 regulation of adaptive responses?

6

7

8

9 **Authors:** Gianpiero Vigani^{1*§} gianpiero.vigani@unito.it

10 Youry Pii², youry.pii@unibz.it

11 Silvia Celletti^{3,#}, silvia.celletti@unibz.it

12 Mauro Maver^{1,#}, mauro.maver@natec.unibz.it

13 Tanja Mimmo², tanja.mimmo@unibz.it

14 Stefano Cesco², stefano.cesco@unibz.it

15 Stefania Astolfi³ sastolfi@unitus.it

16

17 **Institutions:** ¹Dept Agricultural and Environmental Sciences, University of Milano, via Celoria 2,
18 20133 Milano Italy

19 ²Faculty of Science and Technology, Free University of Bozen-Bolzano, Bolzano,
20 Italy

21 ³DAFNE, Università degli Studi della Tuscia, Viterbo, Italy

22 [§] Present address: Department of Life Sciences and Systems Biology, University of
23 Turin, Italy

24 [#] Present Address: Faculty of Science and Technology, Free University of Bozen-
25 Bolzano, Bolzano, Italy

26

27

28

29

30 *Corresponding author details:* **Dr. Gianpiero Vigani**

31 Department of Life Sciences and Systems Biology

32 University of Turin

33 Via Quarello 15/a, 10135 Turin, Italy

34 email: gianpiero.vigani@unito.it

Download English Version:

<https://daneshyari.com/en/article/8353048>

Download Persian Version:

<https://daneshyari.com/article/8353048>

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