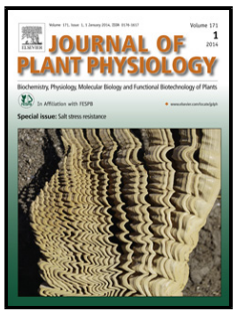
Accepted Manuscript



Title: Protein biocargo of citrus fruit juice sac cells-derived vesicles reveals heterogeneous transport and extracellular vesicle subpopulations

Authors: Gabriella Pocsfalvi, Lilla Turiák, Alfredo Ambrosone, Pasquale del Gaudio, Gina Puska, Immacolata Fiume, Teresa Silvestre, Károly Vékey

PII: S0176-1617(18)30273-6
DOI: https://doi.org/10.1016/j.jplph.2018.07.006
Reference: JPLPH 52811

To appear in:

Received date: 7-6-2018
Revised date: 18-7-2018
Accepted date: 20-7-2018

Please cite this article as: Pocsfalvi G, Turiák L, Ambrosone A, del Gaudio P, Puska G, Fiume I, Silvestre T, Vékey K, Protein biocargo of citrus fruit juice sac cells-derived vesicles reveals heterogeneous transport and extracellular vesicle subpopulations, *Journal of Plant Physiology* (2018), https://doi.org/10.1016/j.jplph.2018.07.006

Protein biocargo of citrus fruit juice sac cells-derived vesicles reveals heterogeneous transport and extracellular vesicle subpopulations

Running Title: Protein cargo of citrus fruit vesicles

Gabriella Pocsfalvi[1,*], Lilla Turiák[2], Alfredo Ambrosone[3], Pasquale del Gaudio[3], Gina Puska[4], Immacolata Fiume[1], Teresa Silvestre[1]and Károly Vékey[2]

[1] Institute of Biosciences and BioResources, National Research Council of Italy

[2] MS Proteomics Research Group, Institute of Organic Chemistry, Research Centre for Natural Sciences, Hungarian Academy of Sciences

[3] Department of Pharmacy, University of Salerno, Italy

[4] Department of Anatomy, Cell and Developmental Biology, Eötvös Loránd University, Budapest, Hungary

*** Correspondence:** gabriella.pocsfalvi@ibbr.cnr.it

Abstract

Cell-derived vesicles are membrane-enclosed organelles that transport material inside and outside the cell. Plant-derived vesicles are receiving more and more attention due to their potential as nanovectors