### Author's Accepted Manuscript

Impact of vinification procedure on fruit wine inhibitory activity against  $\alpha$ -glucosidase

Uroš Čakar, Nađa Grozdanić, Boris Pejin, Vesna Vasić, Mira Čakar, Aleksandar Petrović, Brižita Djordjević



PII:S2212-4292(18)30151-2DOI:https://doi.org/10.1016/j.fbio.2018.06.009Reference:FBIO311

To appear in: Food Bioscience

Received date: 13 February 2018 Revised date: 28 June 2018 Accepted date: 28 June 2018

Cite this article as: Uroš Čakar, Nađa Grozdanić, Boris Pejin, Vesna Vasić, Mira Čakar, Aleksandar Petrović and Brižita Djordjević, Impact of vinification procedure on fruit wine inhibitory activity against  $\alpha$ -glucosidase, *Food Bioscience*, https://doi.org/10.1016/j.fbio.2018.06.009

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 galley proof before it is published in its final citable 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.

### ACCEPTED MANUSCRIPT

# Impact of vinification procedure on fruit wine inhibitory activity against $\alpha$ -glucosidase

Uroš Čakar<sup>a</sup>\*, Nađa Grozdanić<sup>b</sup>, Boris Pejin<sup>c\*</sup>, Vesna Vasić<sup>d</sup>, Mira Čakar<sup>a</sup>, Aleksandar Petrović<sup>e</sup> & Brižita Djordjević<sup>a</sup>

<sup>a</sup> University of Belgrade, Faculty of Pharmacy, Belgrade, Serbia
<sup>b</sup> Institute for Oncology and Radiology of Serbia, Belgrade, Serbia
<sup>c</sup> University of Belgrade, Institute for Multidisciplinary Research – IMSI, Department of Life Sciences, Belgrade, Serbia
<sup>d</sup> University of Belgrade, Vinča Institute of Nuclear Sciences, Belgrade, Serbia

<sup>e</sup> University of Belgrade, Faculty of Agriculture, Belgrade-Zemun, Serbia

E-mails: brspjn@gmail.com

borispejin@imsi.rs

E-mails: uroslion@gmail.com

urosc@pharmacy.bg.ac.rs

\*Address correspondence to these authors at the University of Belgrade: Institute for Multidisciplinary Research – IMSI, Department of Life Sciences, Kneza Višeslava 1, 11030 Belgrade, Serbia, Tel/Fax: +381 (11) 2636 061;

\*Faculty of Pharmacy, Vojvode Stepe 450, 11000 Belgrade, Serbia, Tel.: +381 (11) 3951 327, Fax: +381 (11) 3972 840,

#### Abstract

 $\alpha$ -Glucosidase inhibitory activity (AGL) of fruit wine samples made from blueberry, black chokeberry, blackberry, raspberry and sour cherry cultivars grown in Serbia was studied using an microvinification procedure. More precisely, both sugar and enzyme were added to the fruit must Download English Version:

## https://daneshyari.com/en/article/6488718

Download Persian Version:

https://daneshyari.com/article/6488718

Daneshyari.com