## Accepted Manuscript

The anticonvulsant and anti-plasmid conjugation potential of *Thymus vulgaris* chemistry: An in vivo murine and in vitro study

Krystyna Skalicka-Woźniak, Magdalena Walasek, Tariq M. Aljarba, Paul Stapleton, Simon Gibbons, Jianbo Xiao, Jarogniew J. Łuszczki

PII: S0278-6915(18)30490-3

DOI: 10.1016/j.fct.2018.07.045

Reference: FCT 9930

To appear in: Food and Chemical Toxicology

Received Date: 17 May 2018

Revised Date: 28 June 2018

Accepted Date: 24 July 2018

Please cite this article as: Skalicka-Woźniak, K., Walasek, M., Aljarba, T.M., Stapleton, P., Gibbons, S., Xiao, J., Łuszczki, J.J., The anticonvulsant and anti-plasmid conjugation potential of *Thymus vulgaris* chemistry: An in vivo murine and in vitro study, *Food and Chemical Toxicology* (2018), doi: 10.1016/ j.fct.2018.07.045.

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.



CEPTED MANUSCRIP

The anticonvulsant and anti-plasmid conjugation potential of *Thymus vulgaris* chemistry: an

## in vivo murine and in vitro study

Running title: Anticonvulsant activity of T. vulgaris essential oil

Krystyna SKALICKA-WOŹNIAK<sup>a,\*</sup>, Magdalena WALASEK<sup>a</sup>, Tariq M. ALJARBA<sup>b</sup>, Paul STAPLETON<sup>b</sup>, Simon GIBBONS<sup>b</sup>, Jianbo XIAO<sup>c</sup>, Jarogniew J. ŁUSZCZKI<sup>d,e</sup>

<sup>a</sup> Department of Pharmacognosy with Medicinal Plant Unit, Medical University of Lublin, Chodzki

1, PL 20-093 Lublin, Poland

<sup>b</sup> Research Department of Pharmaceutical and Biological Chemistry, UCL School of Pharmacy,

London, WC1N 1AX, UK

<sup>c</sup> Institute of Chinese Medical Sciences, University of Macau, Taipa, Macau

<sup>d</sup> Department of Pathophysiology, Medical University of Lublin, Jaczewskiego 8b, PL 20-090 Lublin, Poland

<sup>e</sup> Isobolographic Analysis Laboratory, Institute of Rural Health, Jaczewskiego 2, PL 20-950 Lublin, Poland

\* Corresponding author: Department of Pharmacognosy with Medicinal Plant Unit, Medicinal University of Lublin, 1 Chodzki Str., 20-093 Lublin, Poland Email address: <u>kskalicka@pharmacognosy.org</u> (K. Skalicka-Woźniak) Tel.: +48 81448 7086, fax: +48 81448 7080 Download English Version:

## https://daneshyari.com/en/article/8546597

Download Persian Version:

https://daneshyari.com/article/8546597

Daneshyari.com