

Rutin, a quercetin glycoside, alleviates acute endotoxemic kidney injury in C57BL/6 mice via suppression of inflammation and up-regulation of antioxidants and SIRT1

Mohammad-Reza Khajevand-Khazaei, Parvaneh Mohseni-Moghaddam, Marjan Hosseini, Leila Gholami, Tourandokht Baluchnejadmojarad, Mehrdad Roghani



PII: S0014-2999(18)30351-0
DOI: <https://doi.org/10.1016/j.ejphar.2018.06.019>
Reference: EJP71849

To appear in: *European Journal of Pharmacology*

Received date: 3 March 2018
Revised date: 14 June 2018
Accepted date: 15 June 2018

Cite this article as: Mohammad-Reza Khajevand-Khazaei, Parvaneh Mohseni-Moghaddam, Marjan Hosseini, Leila Gholami, Tourandokht Baluchnejadmojarad and Mehrdad Roghani, Rutin, a quercetin glycoside, alleviates acute endotoxemic kidney injury in C57BL/6 mice via suppression of inflammation and up-regulation of antioxidants and SIRT1, *European Journal of Pharmacology*, <https://doi.org/10.1016/j.ejphar.2018.06.019>

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.

Rutin, a quercetin glycoside, alleviates acute endotoxemic kidney injury in C57BL/6 mice via suppression of inflammation and up-regulation of antioxidants and SIRT1

Mohammad-Reza Khajevand-Khazaei^a, Parvaneh Mohseni-Moghaddam^b, Marjan Hosseini^b, Leila Gholami^b, Tourandokht Baluchnejadmojarad^c, Mehrdad Roghani^{d,*}

^a School of Medicine, Shahed University, Tehran, Iran.

^b Department of Physiology, School of Medicine, Tehran University of Medical Sciences, Tehran, Iran.

^c Department of Physiology, School of Medicine, Iran University of Medical Sciences, Tehran, Iran.

^d Neurophysiology Research Center, Department of Physiology, Shahed University, Tehran, Iran.

e-mail: mehjour@yahoo.com,

mroghani@shahed.ac.ir

*** Corresponding author.** Dr. Mehrdad Roghani. Neurophysiology Research Center, Shahed University, Tehran, Iran. Tel: +98-21-51212637, Fax: +98-21-51212602

Download English Version:

<https://daneshyari.com/en/article/8528993>

Download Persian Version:

<https://daneshyari.com/article/8528993>

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