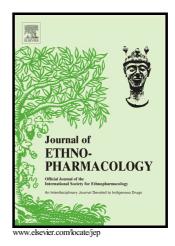
### Author's Accepted Manuscript

Longan (*Dimocarpus longan* Lour.) inhibits lipopolysaccharide-stimulated nitric oxide production in macrophages by suppressing NF-κB and AP-1 signaling pathways

Nongluk Kunworarath, Nuchanart Rangkadilok, Tawit Suriyo, Apinya Thiantanawat, Jutamaad Satayavivad



# PII:S0378-8741(15)30295-6DOI:http://dx.doi.org/10.1016/j.jep.2015.12.044Reference:JEP9894

To appear in: Journal of Ethnopharmacology

Received date: 4 September 2015 Revised date: 27 November 2015 Accepted date: 21 December 2015

Cite this article as: Nongluk Kunworarath, Nuchanart Rangkadilok, Tawi Suriyo, Apinya Thiantanawat and Jutamaad Satayavivad, Longan (*Dimocarpu longan* Lour.) inhibits lipopolysaccharide-stimulated nitric oxide production in macrophages by suppressing NF-kB and AP-1 signaling pathways, *Journal c Ethnopharmacology*, http://dx.doi.org/10.1016/j.jep.2015.12.044

This is a PDF file of an unedited manuscript that has been accepted fo publication. As a service to our customers we are providing this early version o 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

## Longan (*Dimocarpus longan* Lour.) inhibits lipopolysaccharide-stimulated nitric oxide production in macrophages by suppressing NF-kB and AP-1 signaling pathways

Nongluk Kunworarath<sup>a,b</sup>, Nuchanart Rangkadilok<sup>a,c,d</sup>, Tawit Suriyo<sup>a</sup>, Apinya Thiantanawat<sup>a,b,d</sup>, Jutamaad Satayavivad<sup>a,c,d</sup>\*

<sup>a</sup>Laboratory of Pharmacology, Chulabhorn Research Institute, Bangkok, 10210, Thailand <sup>b</sup>Applied Biological Sciences Program, Chulabhorn Graduate Institute, Bangkok, 10210, Thailand

<sup>c</sup>Environmental Toxicology Program, Chulabhorn Graduate Institute, Bangkok, 10210,

Thailand

<sup>d</sup>Center of Excellence on Environmental Health and Toxicology, Office of Higher Education Commission, Ministry of Education, Bangkok 10400, Thailand

\*Corresponding author: Assoc. Prof. Jutamaad Satayavivad, Ph.D. Laboratory of Pharmacology Chulabhorn Research Institute 54 Kamphaeng Phet 6 Rd.

Talat Bang Khen, Laksi, Bangkok 10210, Thailand

Tel.: +66 2 5538555 ext. 8539

Fax: +66 2 5538562

E-mail address: jutamaad@cri.or.th

#### Abstract

*Ethnopharmacological relevance:* Flower, seed, and fruit of longan (*Dimocarpus longan* Lour.) have been used in the Traditional Chinese Medicine (TCM) serving as a common herb

Download English Version:

## https://daneshyari.com/en/article/5834856

Download Persian Version:

https://daneshyari.com/article/5834856

Daneshyari.com