Accepted Manuscript

Transepithelial transport across Caco-2 cell monolayers of angiotensin converting enzyme (ACE) inhibitory peptides derived from simulated *in vitro* gastrointestinal digestion of cooked chicken muscles

Papungkorn Sangsawad, Sittiruk Roytrakul, Kiattawee Choowongkomon, David D. Kitts, Xiu-Min Chen, Guangtao Meng, Eunice C.Y. Li-Chan, Jirawat Yongsawatdigul

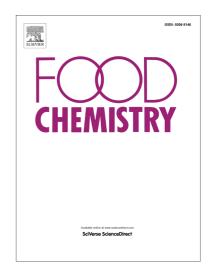
PII: S0308-8146(18)30056-6

DOI: https://doi.org/10.1016/j.foodchem.2018.01.047

Reference: FOCH 22236

To appear in: Food Chemistry

Received Date: 16 September 2017 Revised Date: 9 December 2017 Accepted Date: 4 January 2018



Please cite this article as: Sangsawad, P., Roytrakul, S., Choowongkomon, K., Kitts, D.D., Chen, X-M., Meng, G., Li-Chan, E.C.Y., Yongsawatdigul, J., Transepithelial transport across Caco-2 cell monolayers of angiotensin converting enzyme (ACE) inhibitory peptides derived from simulated *in vitro* gastrointestinal digestion of cooked chicken muscles, *Food Chemistry* (2018), doi: https://doi.org/10.1016/j.foodchem.2018.01.047

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.

ACCEPTED MANUSCRIPT

1

Transepithelial transport across Caco-2 cell monolayers of angiotensin converting enzyme (ACE) inhibitory peptides derived from simulated *in vitro* gastrointestinal digestion of cooked chicken muscles

Papungkorn Sangsawad^a, Sittiruk Roytrakul^b, Kiattawee Choowongkomon^e, David D. Kitts^d, Xiu-Min Chen^d, Guangtao Meng^d, Eunice C. Y. Li-Chan^d and Jirawat Yongsawatdigul^a*

^a School of Food Technology, Institute of Agricultural Technology, Suranaree University of Technology, Nakhon Ratchasima, 30000, Thailand

^b National Center for Genetic Engineering and Biotechnology, Pathumthani, 12120, Thailand

^c Department of Biochemistry, Faculty of Science, Kasetsart University, Bangkok, 10900, Thailand

^d Food, Nutrition, and Health Program, Faculty of Land and Food Systems, 2205 East Mall, The University of British Columbia, Vancouver, British Columbia, Canada, V6T 1Z4

* Corresponding author: Tel.: +6644224359; Fax: +6644224387

E-mail address: jirawat@sut.ac.th (J. Yongsawatdigul)

Download English Version:

https://daneshyari.com/en/article/7585658

Download Persian Version:

https://daneshyari.com/article/7585658

<u>Daneshyari.com</u>