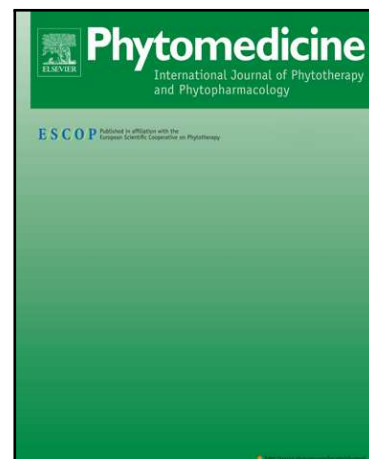


Accepted Manuscript

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PII: S0944-7113(17)30068-5
DOI: [10.1016/j.phymed.2017.05.006](https://doi.org/10.1016/j.phymed.2017.05.006)
Reference: PHYMED 52196



To appear in: *Phytomedicine*

Received date: 24 January 2017
Revised date: 1 May 2017
Accepted date: 21 May 2017

Please cite this article as: Toshimitsu Okamura , Maki Okada , Tatsuya Kikuchi , Hidekatsu Wakizaka , Ming-Rong Zhang , Kinetics and metabolism of apocynin in the mouse brain assessed with positron-emission tomography, *Phytomedicine* (2017), doi: [10.1016/j.phymed.2017.05.006](https://doi.org/10.1016/j.phymed.2017.05.006)

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ABSTRACT

Background: Apocynin is a constituent of the medicinal herb *Picrorhiza kurroa*. It is an inhibitor of nicotinamide adenine dinucleotide phosphate oxidase. This compound shows potential anti-inflammatory and antioxidant effects and has been tested as a neuroprotectant in many animal models of brain disease. In such studies, understanding the brain kinetics of apocynin would be

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