

Improvement of Antioxidant and Immune Status of Atherosclerotic Rats Adrenaline and Egg-Yolks -Induced using Cardamom-Rhizome-Ethanollic-Extract: An Initial Study of Functional Food

Publons ID	37933329
Wos ID	WOS:000387487500032
Doi	10.1016/j.aaspro.2016.02.147
Title	Improvement of Antioxidant and Immune Status of Atherosclerotic Rats Adrenaline and Egg-Yolks - Induced using Cardamom-Rhizome-Ethanollic-Extract: An Initial Study of Functional Food
First Author	Winarsi, Hery; Yuniaty, Alice; Nuraeni, Indah;
Last Author	
Authors	Winarsi, H; Yuniaty, A; Nuraeni, I;
Publish Date	2016
Journal Name	INTERNATIONAL CONFERENCE ON FOOD, AGRICULTURE AND NATURAL RESOURCES, IC-FANRES 2015
Citation	7
Abstract	The aimed to improve the activity of SOD and reduce the levels of MDA, CRP, and IL-6 of atherosclerotic-rats using cardamom-rhizome ethanollic-extract (CREE). A total of 28 Sprague-Dawley rats, aged 2-3 months, 180-250 g were injected with adrenaline, and given the egg-yolks for 3 weeks. The rats were divided into 4 groups, 7 rats each, I, were given CREE; II, statin; III, CREE+ statin; and IV, feed-rats, 2 weeks. Blood samples were taken at 0, 1 and 2 weeks. CREE significantly increased of SOD, and decreased levels of MDA, CRP and IL-6. Future, the cardamom rhizomes would be formulated of functional-drinks. (C) 2016 The Authors. Published by Elsevier B.V.
Publish Type	Book in series
Publish Year	2016
Page Begin	264
Page End	270
Issn	2210-7843
Eissn	
Url	https://www.webofscience.com/wos/woscc/full-record/WOS:000387487500032
Author	Dr Ir HERY WINARSI, M.S