



# CERTIFICATE

This is to certify that

**Isnaini**

has participated in

**38<sup>th</sup> Meeting of National Working Group on Indonesian Medicinal Plants**

**INTERNATIONAL CONFERENCE ON MEDICINAL PLANTS**

**Surabaya, July 21 - 22, 2010**

as

**POSTER PRESENTER**

**The National Working Group  
on Indonesian Medicinal Plants**



**Indah Yuning Prapti, SKM., M.Kes**  
Chairman



**Dr. phil. nat. Elisabeth C.Wk.**  
Chairman



**38th Meeting of National  
Working Group for  
Indonesian Medicinal Plant**

**21-22 July 2010**

WIDYA MANDALA CATHOLIC UNIVERSITY SURABAYA

# **INTERNATIONAL CONFERENCE ON MEDICINAL PLANTS**

**The Future of Medicinal Plants  
From Plants to Medicine**

Book of :  
**PROGRAM & ABSTRACT**





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## Schedule of Poster Presentation

Date / Time : Wednesday, July 21 <sup>th</sup> , 2010; 16.30 – 17.30				
Place : Plaza Widya Mandala Catholic University, 1 <sup>st</sup> Floor				
No.	Pin	Author	Institution	Title
44.	P-144	Isnaini	Lambung Mangkurat University	Formulation of Herbal Pills of <i>Stenochlaena palustris</i> : An overview of Fineness Variations of Powders, Concentration of Dissintegrant, and Drying Time
45.	P-145	Isnaini	Lambung Mangkurat University	Formulation of Granules Effervescent of Tomato Fruit ( <i>Solanum lycopersicum</i> ) as Nutritional Supplement
46.	P-146	Mahatma Lanuru	Hasanuddin University	Conserving Seagrass Potensial as Medicinal Plant Through Seagrass Transplantation
47.	P-147	Iltizam Nasrullah	National Agency for Drug and Food Control Republic of Indonesia	Isolation and Identification $\alpha$ -Mangostin as A Marker Compound Of <i>Garcinia mangostana</i> L. Hull
48.	P-148	Elin Yulinah Sukandar	Bandung Institute Of Technology	Diuretic Effect of Ethanol Extract of <i>Anredera cordifolia</i> (Ten) V. Steenis in Wistar Rat
49.	P-149	Nita Supriyati	Medicinal Plant and Traditional Medicine Research and Development Office	Toxic Compounds Extracted from <i>Eugenia uniflora</i> L. Against T47d Cell Line
50.	P-150	Rydha Riyana	Padjadjaran University	Compound 3a,8,9b-trimethyl-2,3,3a,4,5,9b-hexahydronaphto,2-b]furan-4-ol from <i>Pangium edule</i> as an Antioxidant Agent
51.	P-151	Nurinna Ayu Rufaidah	Airlangga University	Chemoprevention Activities of The Extract of "Sarang Semut" ( <i>Myrmecodia armata</i> Dc.) Againsts Benzo(A)Pyrene-Induced Fibrosarcoma Cancer on Mice In Vivo
52.	P-152	Triana Balqianur	Airlangga University	Anticancer Activity Assay of Ethanol Extract <i>Myrmecodia armata</i> Dc. Tubers Againsts Benzo(A)Pyrene-Induced Fibrosarcoma Cancer on Mice In Vivo
53.	P-153	Hilda Susanti	Lambung Mangkurat University	Effect of Media Compositions on Production of Biomass and Bioactive Compounds of <i>Talinum triangulare</i>
54.	P-154	Muhammad Taher	International Islamic University Malaysia	Cell Migration for In Vitro Wound Healing Evaluation- A Pilot Study on <i>Channa striata</i>
55.	P-155	Fitranto Arjadi	Purwokerto	Islet of Langerhans Regeneration at Diabetic White Rats ( <i>Rattus norvegicus</i> ) After Given Flesh Boiled Crown of God ( <i>Phaleria macrocarp</i> (scheff.) Boerl.)
56.	P-156	Adek Zamrud Adnan	Andalas University	Antimalarial Activity of Brotowali Extracts ( <i>Tinospora Crispa</i> Hook & Thoms) on Chloroquine-resistant <i>Plasmodium falciparum</i> strain PF 2832.

## FORMULATION OF GRANULES EFFERVESCENT OF TOMATO FRUIT (*SOLANUM LYCOPERSICUM*) AS SUPPLEMENT

**Isnaini<sup>(1)</sup>, Y. Susanto<sup>(2)</sup>, and E. Octavia<sup>(3)</sup>**

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Tomato (*Solanum lycopersicum*) is one of the many nutrients and minerals important for the body. Lycopene is one of content of tomatoes is functioning as an antioxidant. Lycopene levels will increase if the tomatoes do the processing. This research aims to create a granule formulation effervescent (*Solanum lycopersicum*) tomato juice as one of the development of supplements and the type of preparation can be accepted by society. Research methods are used in the manufacture of dry granulation granules effervescent. Physical tests include water content of granules, corner flow, density, solubility, pH, and then performed hedonic test. Results obtained that the most preferred formula V with the composition of respondents 20 g of tomato powder, citric acid monohydrate 1 g, 27.5 g of sodium bicarbonate, sucrose 101 g, 0.5 g aerosil test results of water content 0.39%, 31.02 corner flow, density 8.77%, 2.78 minutes solubility, pH 7.9.

**Keywords:** *Solanum lycopersicum*, granul effervescent





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**PLANTS**  
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**FACULTY OF PHARMACY**

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Surabaya, May 12, 2010

Mrs. Isnaini  
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Subject : Letter of Acceptance  
ICoMP 21-22 July 2010

Dear Mrs. Isnaini,

I am pleased to inform you that your following submitted abstract have been accepted for poster presentation at the ICoMP 2010 and is to be published in the Conference Program Book.

Code	Primary Author	Title
254/P	Isnaini	<b>* Processing of Pills Herba Kelakai (<i>Stenochiaena paluhaustris</i>) Overview of the variation degree of fine powders and consentration of materials destroyer and drying time</b>
255/P	Isnaini	<b>* Formulation of granules effervescent of tomato fruit (<i>Solanum lycopersicum</i>) as supplement</b>

\*) The title should be changed according to the suggestions of reviewers

Please note that full registration fee is required before 20 June 2010. One full registration fee is for maximum two posters. Each additional poster will be charged 15 USD. If in difficulty, please contact the Conference Chairman immediately.

To communicate the key messages from your abstract effectively, please take the time to read the the instructions for preparing your poster in the attachment.

The conference committee thanks you for your interest in ICoMP 2010 and look forward to seeing you in Surabaya.

Sincerely yours,

Elisabeth Catherina Widjajakusuma  
Conference Chairman