



This is to certify that

Dwi Sutiningsih

has participated in

**The International Seminar on
Chemoprevention for Health Promotion and Beauty**

October 9th, 2010, Yogyakarta, Indonesia

as

Participant & Presenter

Accredited by Indonesian Pharmacist Association (No.055/PP.IAI/VI/2010):

Participant/Presenter 6 credits; Speaker 4 credits; Moderator 3 credits; Committee 3 credits

Faculty of Pharmacy,
Universitas Gadjah Mada, Indonesia

Dean,



Prof. Dr. Marchaban, DESS., Apt.

The International Seminar on

Chemoprevention For Health Promotion And Beauty

October 9th, 2010

Faculty of Pharmacy,
Universitas Gadjah Mada, Jogjakarta, Indonesia
<http://farmasi.ugm.ac.id/iscc2010>

Celebrate the 64th anniversary of the Faculty of Pharmacy UGM
Tribute to the retirement of Prof. Dr. Sri Noegrahati, Apt
Inauguration of Indonesian Society
for Cancer Chemoprevention (ISCC)

ABSTRACTS BOOKS



DAAD
Deutscher Akademischer Austauschdienst
German Academic Exchange Service



ABSTRACTS BOOK
The International Seminar
On Chemoprevention for Health Promotion and Beauty
October 9th, 2010

TABLE OF CONTENTS

Abstracts Book	i
Table of Contents	ii
Welcome Messages	iii
Welcome Messages from the Chairman	iv
Welcome Messages from the Dean of Faculty of Pharmacy UGM	v
Welcome Messages from the Senior Vice Rector for Education, Research and Community Services UGM	vi
Abstracts	vii
Plenary Lecture	1
Invited Parallel Lecture	6
Index of Oral Presentation	7
Oral Presentation	11
Index of Poster Presentation	60
Poster Presentation	63
Curriculum Vitae of Prof. Dr. Sri Noegrahati, Apt.	90
The Committee	94
Acknowledgment	96

Welcome Messages from the Chairman

Assalamu'alaikum wr.wb.,

Your Excellency,

Health Minister of Republik Indonesia dr. Endang Rahayu Sedyaningsih, MPH, Dr. PH,

Rector of Gadjah Mada University Prof. Dr. Sudjarwadi,

Dean of Faculty of Pharmacy, Gadjah Mada University Prof. Dr. Marchaban, DEA., Apt,

All invited Speakers: Prof. Dr. Evamarie Hey Hawkins (Leipzig University, Germany), Prof. Hiroshi

Itoh (NAIST, Japan), Prof. Tatsuo Takeya (NAIST, Japan), Prof. Dr. Sri Noegrohati, Apt. (Faculty of

Pharmacy, GMU), Dr. Med. dr. Indwiani Astuti (Faculty of Medicine, GMU)

All distinguished Guests, Participants, Ladies and Gentlemen,

Good Morning.

First of all, let's show our Praise and Gratitude towards Alloh swt, because the overflow of His grace and blessing, we could gather here attending the International Seminar.

On behalf of a Committee, I would like to welcome all participants to Jogjakarta for the International Seminar on Chemoprevention for Health Promotion and Beauty hosted by Faculty of Pharmacy Gadjah Mada University. The International Seminar is a joint project of Faculty of Pharmacy Gadjah Mada University with Nara Institute of Science and Technology (NAIST) Japan and Deutscher Akademischer Austausch Dienst-German Academic Exchange Service (DAAD).

This Seminar is created to celebrate the 64th anniversary of the Faculty of Pharmacy UGM and in conjunction with the retirement of Prof. Dr. Sri Noegrohati, Apt., a lecturer who is concerned in the cosmetics, Faculty of Pharmacy GMU. In addition, this seminar is the first activity of the Indonesian Society for Cancer Chemoprevention that will be inaugurated by The Health Minister of Republik Indonesia dr. Endang Rahayu Sedyaningsih, MPH, Dr. PH.

Ladies and gentlemen, in this seminar, 5 lectures will be given in plenary seminar by: Prof. Hiroshi Itoh (NAIST, Japan), Prof. Tatsuo Takeya (NAIST, Japan), Prof. Dr. Evamarie Hey-Hawkins (Leipzig University, German), Prof. Dr. Sri Noegrohati, Apt. (Faculty of Pharmacy, UGM), Dr. Med. dr. Indwiani Astuti (Faculty of Medicine, UGM) and about 75 papers will be presented as oral and poster presentations. Herewith we express our gratitude to all speakers and presenters, who would like to share their knowledges and experiences.

In this event, I would like to acknowledge the Rector of Gadjah Mada University, the Nara Institute of Science and Technology, the DAAD Germany, and all sponsors for the nice collaboration and the financial support that make this seminar possible. A special acknowledgment is addressed to the Health Minister of Republik Indonesia, who would like to open and inaugurate our organization "International Society of Cancer chemoprevention". Furthermore, personally, I want to express my deep appreciation to the members of the organizing committee, for the good teamwork in the preparation for this seminar.

Finally, I wish you a very fruitful discussion and enjoyable seminar. Have a good time while staying in Jogjakarta.

Wassalamu'alaikum wr.wb.

Jogjakarta, October 9th, 2010

Chairperson of Committee,

Dr. rer. Nat. Endang Lukitaningsih, M.Si., Apt

Welcome Messages from the Dean of Faculty of Pharmacy UGM

Assalamu'alaikum wr. wb.

Greetings for peace to you all.

Distinguished guests, ladies and gentlemen,

It is great pleasure for me to welcome all of you this morning for the special event which is part of The International Seminar on "Chemoprevention for Health Promotion and Beauty". This seminar is held by the Faculty of Pharmacy UGM in collaboration with the NAIST Japan and the DAAD Germany, and to tribute to our beloved Prof. Dr. Sri Noegrohati, she has got retired since this month. I hope Almighty God always bless her with healthy and prosperity, amien.

On behalf of Faculty of Pharmacy UGM first of all, I would like to thank all of you for supporting this event so that we can gather and enjoy this morning in Jogjakarta. As the participants for this meeting coming from various institutions, even we have here experts from overseas, so I believe that you have shared knowledge and experience throughout this meeting. Therefore, during almost whole day discussing scientific matter related to the safety of the beauty products, now we make this wonderful opportunity to make a closer scientific relationship while enjoying the cultural of Jogjakarta.

May I sincerely express my deepest gratitude to invited speakers:

Prof. Dr. Hiroshi Itoh, from NAIST Japan,

Prof. Dr. Tatsuo Takeya, from NAIST Japan,

Prof. Dr. Evamarie Hey Hawkins, from Leipzig University, Germany,

Dr. Med. dr. Indwiani Astuti, from Faculty of Medicine UGM,

and last but not least Prof. Dr. Sri Noegrohati, from Faculty of Pharmacy UGM.

Your willingness to attend the seminar and to share your experiences is highly appreciated.

My acknowledgement is also addressed to the Organizing Committee and the sponsors, for your hardworking, so that this seminar is possible.

Finally, I hope that this meeting will give benefit to all of us, and we may see each other again in a similar event in the near future.

Wassalamu'alaikum wr. wb.

Jogjakarta, October 9, 2010

Dean of Faculty of Pharmacy UGM,

Prof. Dr. Marchaban, DESS., Apt.

Welcome Messages from the Senior Vice Rector for Academic Affairs, Research and Community Services

Dear participants,

Cancer is a complicated and fatal disease which is now still no specific therapy to overcome. The increasing of population, deteriorating environment and lack of information about the cancer triggers has worsened the cancer case prevalence in both the quality and quantity.

Up to now many research activities and huge budget have been dedicated in developed countries all over the world for finding and developing better cancer early detection and therapy. However the research inventions still cannot give satisfying results for overcoming and reducing of the cancer prevalence.

Due to that reasons therefore cancer prevention might be a program which can be rely on in reducing the cancer prevalence. Some food, supplement or other edible materials have been proofed to have potency on protecting the body against several cancer triggers. The pattern as well as the quality of eating, exercise, work activity, and other life style activities have been shown to give impact on someone vulnerability to cancer. Therefore dissemination of information and education on cancer disease, cancer prevention and factors that can influence the vulnerability against cancer (such as healthy food consumption, life environment, and life activity pattern) hopefully will help people to be aware about things that can trigger cancer and how to avoid it.

Dear participants,

Concerning of those above reasons, therefore Gadjah Mada University always supports to any seminar and activity which give information and inspire people to manage their life to be healthier. In this opportunity I would also congratulate for the establishment of the Indonesia Cancer Prevention Researcher Association. I do hope that this association will have more and more relevant activities and significant inventions in the future.

Finally, have a fruitful seminar and discussion. Thank you

Senior Vice Rector for Education, Research and Community Services
Gadjah Mada University, Yogyakarta

Prof. Dr. Retno S. Sudibyo, M.Sc., Apt

INDEX OF POSTER PRESENTATION

P1	CHEMICAL COMPOSITION AND CYTOTOXIC ACTIVITY OF ESSENTIAL OIL OF SUMATRAN <i>DAUCUS CAROTA</i> L. SEEDS	63
	<i>Adek Zamrud Adnan^{1,2}, Nilda Lely² and Erli Heryeni²</i>	
P2	STRUCTURE MODIFICATION OF ETHYL <i>P</i>-METHOXYCINNAMATE ISOLATED FROM <i>KAEMPFERIA GALANGA</i> LINN. AND CITOTOXICITY ASSAY OF THE PRODUCTS ON WIDR CELL	64
	<i>Juni Ekowati^{1,*}, Marcellino Rudyanto¹, Shigeru Sasaki³, Tutuk Budiati⁴, Sukardiman², Adam Hermawan⁴ and Edy Meiyanto⁴</i>	
P3	ACTIVITY OF <i>TRIGONELLA FOENUM GRAECUM</i> ON SOME CELL LINES	65
	<i>Kurnia Agustini, Wahono Sumaryono, R. Micho Widyanto</i>	
P4	ANTIOXIDANT-FREE RADICAL SCAVENGING OF SOME EUPHOBACEAE HERBS	66
	<i>Titik Sunarni²</i>	
P5	ANTIOXIDANT ACTIVITY OF <i>GARCINIA CF BANCANA</i> MIQ	67
	<i>Sri Hartati^{1,2}, Triyem² and Herry Cahyana²</i>	
P6	SYNTHESIS OCTHYL <i>P</i>-METHOXYCINNAMIC AS SUNBLOCK BY TRANSESTERIFICATION REACTION WITH THE STRATING RAW ETHYL <i>P</i>-METHOXYCINNAMIC	68
	<i>Suzana², Nunuk Irawati and Tutuk, Budiati</i>	
P7	ANTIOXIDANT ACTIVITY TEST OF 2,6-BIS-(2'-FURILIDIN)-CYCLOHEXANONE, 2,5-BIS-(2'-FURILIDIN)-CYCLOPENTANONE, 1,5-DIFURIL-1,4-PENTADIEN-3-ON	69
	<i>Ismi Rahmawati² and Endang Sri Rejeki</i>	
P8	DETERMINATION OF THE ACTIVE ASIATICOSIDE CONTENT IN <i>CENTELLA ASIATICA</i> AS ANTI-CELLULITE AGENT	70
	<i>Dewi Sondari², Sri Budi Harmami, and Agus Haryono</i>	
P9	ANTICANCER EVALUATION OF PLANTS FROM INDONESIAN RAIN TROPICAL FOREST	71
	<i>Jamilah Abbas²</i>	
P10	ANTIPLASMODIAL ACTIVITY OF NEW COUMARIN COMPOUND FROM <i>CALOPHYLLUM SOULATRI</i> BURM F	72
	<i>Jamilah Abbas^{1,2} and and Syafruddin²</i>	
P11	EFFECT OF VARIOUS CONCENTRATION OF VEGETABLE PROTEIN IN HAIR MASK ON THE HAIR TEXTURE	73
	<i>Ivony Helen, Idajani Hadinoto, Lannie Hadisoewignyo² and Lisa Soegianto</i>	
P12	ANTICANCER ACTIVITY OF ETHANOLIC EXTRACT OF <i>SELAGINELLA DOEDERLEINII</i> HIERON. ON T47D CELL LINE	74
	<i>Chandra Risdian^{1,2}, Sri Handayani¹, Zalinar Udin¹, Rina Andriyani¹ and Marissa Angelina²</i>	

P13	EMULSION STABILITY OF COSMETIC LOTION BASED ON OIL-IN-WATER PHASE EMULSIONS	75
	<i>Sri Budi Harmami², Dewi Sondari and Agus Haryono</i>	
P14	ANTIOXIDANT ACTIVITY AND PHYTOCHEMICAL CONSTITUENTS OF <i>CURCUMA MANGGA</i> VAL., <i>PIPER BETLE</i> L., <i>CATHARANTHUS ROSEUS</i> [L.] G.DON AND <i>DENDROPHTOE PETANDRA</i> EXTRACTS	76
	<i>Wahyu Widowati^{1,2}, Tjandrawati Mozef², Chandra Risdian², Hana Ratnawati¹, Susy Tjahyani¹ and Ferry Sandra¹</i>	
P15	ANTI INFLAMASI ACTIVITY OF THE EXTRACT OF GUAVA LEAVES (<i>PSIDIUM GUAJAVA</i> L) IN THE RAT (<i>RATTUS NORVEGICUS</i> L)	77
	<i>Weni L.^{1,2}, Harliansyah¹ and Widayanti E.²</i>	
P16	THE EFFECT OF COMBINATION OF PHYSICAL EXERCISE AND EXTRACT OF ONION (<i>ALLIUM CEPA</i> L) AND EXTRACT OF TUMERIC ON PRO INFLAMMATORY MARKERS OF RATS	78
	<i>Diniwati Mukhtar^{1,2}, Harliansyah Hanif² and Ety Widayanti¹</i>	
P17	APOPTOSIS INDUCED IN HUMAN CELL LINES BY METANOL EXTRACT FROM <i>BRUGUIERA GYMNO RHIZA</i> BARKS	79
	<i>Warsinah^{1,2}, Sisindari² and Ratna Asmah Susidarti²</i>	
P18	COLORECTAL CARCINOMA MODEL INDUCED BY 1,2-DIMETHYLHYDRAZINE.2HCL IN WISTAR RATS	80
	<i>Risfah Yulianti^{1,2}, Lukman Hakim², Sardjiman², Gemini Alam¹ and Sitarina Widyarini¹</i>	
P19	FATTY ACIDS CONTENT AND COMPOSITION OF POMEGRANATE SEED OIL	81
	<i>Hartiati Soetjipto², KH Timotius and Murda Pradipta</i>	
P20	QSAR ANALYSIS OF ROCAGLAMIDE DERIVATIVES CYTOTOXIC ACTIVITIES USING LFER HANSCH MODEL	82
	<i>Firdayani², Susi Kusumaningrum, Doddy Irawan Setyo Utomo, Agung Eru Wibowo and Chaidir</i>	
P21	IMPROVEMENT OF SUN PROTECTION FACTOR (SPF) VALUE BY MINIMIZATION OF EGG SHELL POWDER AND DEVELOPMENT OF THE SUNSCREEN FORMULATION	83
	<i>Sasanti T. Darijanto², Nurul Fadnany, Ramdhani R. and Dwi Yangie</i>	
P22	CYTOTOXICITY ASSAY FROM FRACTIONS OF <i>HEDYOTIS CORYMBOSA</i> EXTRACT AGAINST BREAST CANCER CELL LINE T47D	84
	<i>Rina Andriyani², Chandra Risdian and Zalinur Udin</i>	
P23	LYMPHOCYTE PROLIFERATION ACTIVITY TEST ON FEMALE SPRAGUE DAWLEY RAT INDUCED BY 7,12-DIMETHYLBENZ[A] ANTRACENE (DMBA) AFTER ETHANOLIC EXTRACT OF PASAK BUMI ROOT (<i>EURCOMA LONGIFOLIA</i> JACK) ADMINISTRATION	85
	<i>Lily Noor Falah and Sapto Yuliani²</i>	
P24	EFFECT OF ETHYL ACETATE FRACTION OF <i>EURCOMA LONGIFOLIA</i> JACK ROOTS ON THE EXPRESSIONS OF GADD45 IN MCF7 CELLS LINE	86
	<i>Laela Hayu Nurani^{1,2}, Sofia Mubarika², Mustofa¹ and Suwidjiyo Pramono¹</i>	

P25	THE INFLUENCE OF DMBA (7,12-DIMETHYLBENZ-[A]ANTHRACENE) REGIMEN IN THE DEVELOPMENT OF MAMMAE CARCINOGENESIS ON SPRAGUE DAWLEY FEMALE RAT	87
	<i>Agung Eru Wibowo^{1,2}, Sriningsih¹, Raafqi Ranasasmita² and Okpri Melia¹</i>	
P26	CYTOTOXIC AND APOPTOSIS INDUCTION EFFECT OF SOLUBLE AND INSOLUBLE CHLOROFORM FRACTION OF ETHANOLIC EXTRACT OF THE LEAVES OF RED BETEL (<i>PIPER CROCATUM</i> RUIZ AND PAV.) AGAINST HELA, T47D, MYELOMA AND VERO CELL	88
	<i>Kusumawan, Ardhan T.², Kurniawan, Muhammad D., Yuswanto Agustinus</i>	
P27	IMMUNOMODULATORY ACTIVITY OF THE ETHANOLIC EXTRACTS FROM KERSEN LEAVES (<i>MUNTINGIA CALABURA</i> L.) ON RAT INDUCED BY HEPATITIS B VACCINE	89
	<i>Arsani, Rahmi B.² and Nurlita Anasiwi</i>	

CURRICULUM VITAE OF Prof. Dr. SRI NOEGRAHATI, Apt.



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Occupation : Professor in Pharmaceutical Chemistry
E-mail : sri_noegrohati@ugm.ac.id
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Education

1963-1968	Pharmacy	Gadjah Mada University, Indonesia
1968-1970	Apotheker	Gadjah Mada University, Indonesia
1975-1976	Food Science	State University of Florida, USA
1984-1985	Organic Analytical Chemistry	State University of Utrecht, The Netherlands
1985-1991	Dr.	Gadjah Mada University/State University. of Utrecht

Employment

dates of employment : from 12/12/1978 up to now
name of employer : faculty of pharmacy, gadjah mada university
employer address : sekip utara jogjakarta
post description : lecturer in pharmaceutical analysis, cosmetology, and environmental toxicology

Research (last 10 years)

2000-2001	Fate and distribution of Glyphosate in soil-water system	Monsanto, USA
2001-2003	Environmental Risk Assessment of Paraquat in Indonesian Rice Field Ecosystem	Syngenta, Basel, Switzerland
2003-2005	Integrated Monitoring of Dredging Effect in Segara Anakan Estuarine, South Java Island	BCEOM-French Consultant
2007	Fate and Distribution of Deltamethrin in Capsicum annum Cultivation Environment and its MRL estimation	PPI, DEPTAN
2008	Fate and Distribution of beta-Cyfluthrin in Brassica oleracea Cultivation Environment and its MRL estimation	PPI, DEPTAN
2009	Fate and Distribution of Thiamethoxam in Citrus nabilis Cultivation Environment and its MRL estimation	PPI, DEPTAN
2009	Analytical Method Development and Monitoring of 2,4-D Residues Level in Cacao (Theobroma cacao) Beans	Dit Bun, DEPTAN
2010	Fate and Distribution of lambda-Cyhalothrin in Citrus nabilis Cultivation Environment and its MRL estimation	PPI, DEPTAN

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TRAINING MATERIAL, MANUALS, COURSES YOU HAVE DEVELOPED/WRITTEN
PREPARATION, TRANSLATION AND PRINTING OF MODULES FOR HIGH RISK
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OF APW SUB-PROJECT B PRODUCT 2 ACTIVITY2 WHO BIENNIAL
2000/2001

Participation in scientific committees

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BINDING INSTRUMENT FOR IMPLEMENTING INTERNATIONAL ACTION ON
CERTAIN POPS, UNEP
EXPERT WORKING GROUP (EWG) ON THE HARMONIZATION OF MAXIMUM RESIDUE
LIMITS OF PESTICIDES AMONG ASEAN COUNTRIES (FROM 2002 - NOW)
41ST (2009) AND 42ND (2010) CODEX COMMITTEE ON PESTICIDE RESIDUES (CCPR)

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1. The Indonesian Pharmacist Association
2. Indonesian Chemist Society
3. Society of Environmental Toxicology and Chemistry (SETAC)

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THE EFFECT OF Ipomea batatas EXTRACT TO THE INDUCTION APOPTOSIS ON RAJI CELL LINES



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BACKGROUND :

The appearance of cancer cell resistance to anticancers and disadvantage side effects inspire researchs to prove activity of medicinal plants traditionally used for the treatment of cancer. One of tool to evaluate anticancer activity can be conducted by apoptotic activity.

OBJECTIVE :

The study was conducted to evaluate the apoptotic activity of methanol extract of Ipomea batatas on raji cell lines



METHODE :

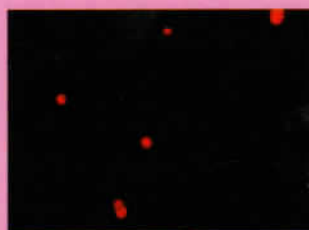
The apoptotic activities of methanol extract of I. batatas were tested on Raji cell lines by evaluating the number of cells using ethidium bromide colouring.

RESULT & CONCLUSION :

The result showed that methanol extract of I. batatas possessed cytotoxic effect without induction of apoptosis on Raji cell lines.



Control of Raji Cell Line (No Apoptosis)



Treatment of Ipomea batatas 10 ug/ml
(No apoptosis)



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