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PROCEEDING

13 -14 October 2017



2nd UMP-PIC & 8th ISCC

Pharmacy International Conference & Indonesian Society of Cancer Chemoprevention

in collaboration with faculty of medicine and faculty of health sciences

"The Effective Approach For Non Communicable Disease : Current State Of The Art - Cardiovascular Disease - Cancer Diabetes"



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PHARMACY INTERNATIONAL CONFERENCE (UMP-PIC) in collaboration
with 8th INDONESIA SOCIETY FOR CANCER CHEMOPREVENTION (ISCC)**

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Purwokerto, Central Java, INDONESIA**

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CONTENTS

	Title of Paper	Page
1.	Mouthwash from Banana Peel of Kepok Kuning Waste (<i>Musa acuminata</i> <i>balbisiana</i> colla) as a Prevention of <i>Streptococcus mutans</i> Bacteria Growth Causes of Dental Carries	1
2.	Constituents and Antibacterial Activity of Extract of Nagasari (<i>Mesua ferrea</i>) Leaves	9
3.	Effectiveness of Community Based Interactive Approach (CBIA) and Focus Group Discussion (FGD) Method to Increase Knowledge on Generic Medicines in Sumbang	16
4.	The Effect of Breast Care and Back Massage Trainings on Posyandu Volunteers Toward Practice of Breastfeeding Mom Care in Puskesmas Purwokerto Selatan	27
5.	Antibacteria Activity and Dermal Acute Toxicity Test in Antiacne Facial Wash from Ethanol Extract of Papaya Seeds (<i>Carica papaya</i> L.)	38
6.	Antibacterial Activity using Disc Diffusion Method Against from Ethanol Extract 70% Africa Leaves (<i>Vernonia amygdalina</i> Del.)	47
7.	The Formulation of Extract Seruni Jalar (<i>Sphagneticola trilobata</i> L) Handsoap and Antimicrobial Assay with <i>Eschericia coli</i> , <i>Sthaphylococcus aureus</i> , <i>Salmonella typhi</i>	52
8.	The Effectiveness of Psychoreligious Therapy on Anxiety in Hemodialysis Patients	60
9.	Antibacteria Activity and Acute Dermal Irritation Test in Antiacne Facial Wash from Ethanol Extract of Papaya Seeds (<i>Carica papaya</i> L.)	66
10.	Natural Preservation of Fresh Chicken Meats Utilizing Combination of Essential Oils of Clove and Ginger	74
11.	Screening of Diabetes Mellitus in Elderly by Nurses	83
12.	Compliance's Level Overview of Patients Diabetes Mellitus with Morisky Medication Adherence Scale Method (Study at Cahaya Husada Pharmacy on February, 2017)	91
13.	Antioxidant Activity Test and Determination of Ec50 Extract and Fraction of Dandang Gendis Leaves (<i>Clinacanthus Nutans</i>) By DPPH Method (1,1-Diphenyl-2-Picrylhydrazyl) in Vitro	98
14.	Characterization SNE (Self Nanoemulsion) of Astaxanthin of <i>Haematococcus pluvialis</i> as Natural Super Antioxidant with Various Ratio of Tween 80 and Propylene Glycol as Surfactant and Co-surfactant	104
15.	A Comparison to the Number of Germs in Nurse by Using Hand Rub and	108

Hand Wash at Emergency Room (ER)

16.	Ethnopharmacology Study of Medicinal Plants in Kutawaru and Sirau Barlingmascakeb	116
17.	Home Care Pharmacy in Kembaran Community Health Center (Puskesmas), Banyumas	125
18.	Analysis of Cost-Effectiveness of Hypertension Treatment in BPJS Patients in Inpatient Installation of RSUD Dr. M. Ashari Pematang	138
19.	Determination of Hydroquinone Levels in Whitening Night Creams that Found in a Supermarket of Purwokerto	142
20.	Lifestyle Analysis as Risk Factors of Chronic Kidney Failure	147
21.	Pharmacist Role in Drug Related Problems on Chronic Diseases Patients	152
22.	Formulation and Free Radical Scavenging Activity of Natural Lip Gloss from Eggplant (<i>Solanum melongena</i> L.) Peel Extract	162

Start Here. Go Anywhere



FOREWORD BY THE CHAIRPERSON OF 2nd UMP-PIC & 8th ISCC 2017

Assalamualaikum warahmatullahi wabarokaatuh



On behalf of the committee, it is my pleasure to welcome all of you to the 2nd UMP Pharmacy International Conference which will be held on October 13-14, 2017 in Purwokerto, Indonesia. The 2nd UMP-PIC is a special event as we now collaborate with our distinguished colleagues from Indonesian Society of Cancer Chemoprevention (ISCC). Today, our theme is “The Effective Approache for Non-Communicable Disease: Current State of the Art”, covering three main issues of communicable diseases

including Current State Cardiovascular, Cancer, and Diabetes.

We wish you a wonderful experience during this conference as we provide a unique opportunity for researchers and clinician to not only develop their knowledge but also expand their networking during the conference. This conference offers an opportunity to meet and interact with the leading researchers on their field. Furthermore, various activities including plenary speeches, oral, and poster presentations are available regarding various issues on non-communicable diseases not only in Indonesia but also from various countries in the world.

We kindly remind you to enjoy the beautiful Purwokerto, Indonesia. Find a traditional cultures and food available in the neighborhood. Finally, we wish you a fruitful conference and hope you enjoy your stay in Purwokerto.

Yours sincerely,

Didik Setiawan, PhD., Apt.
2nd UMP-PIC chairman

FOREWORD BY THE DEAN OF FACULTY OF PHARMACY UNIVERSITAS MUHAMMADIYAH PURWOKERTO



Assalamu'alaikum warahmatullahi wabarokaatuh,

All praises are due to Allah SWT, God Almighty, who made this International Conference possible to be held. The 2nd UMP-PIC & 8th ISCC 2017 is organized by Faculty of Pharmacy, Faculty of Medicine, and Faculty of Health Sciences of Universitas Muhammadiyah Purwokerto in collaboration with Indonesian Society of Cancer Chemoprevention (ISCC).

The theme of our conference is **“The Effective Approach for Non Communicable Disease (NCDs): Current State of The Art (Cardiovascular disease, Cancer, and Diabetes)”**. Non communicable, or chronic, diseases are those of long duration and generally slow progression. NCDs are by far the leading cause of death in the world, representing 63% of annual deaths. NCDs kill more than 36 million people each year. About 80% of all NCD-related death occurs in low- and middle-income countries. This conference provided an ideal platform to share information between researchers and discuss their scientific results and experiences especially in cases of NCDs.

I am fully satisfied with all the members of the organizing committee who has contributed for the success of this program. My appreciation goes especially to all delegates who contributed to the success of this conference by accepting our invitation and submitting their articles for presentation in the scientific program.

Wassalamu'alaikum warahmatullahi wabarokaatuh,

Purwokerto, October 2017

Dr. Agus Siswanto, M.Si., Apt.
Dean of Faculty of Pharmacy
Universitas Muhammadiyah Purwokerto

FOREWORD BY THE DEAN OF FACULTY OF MEDICINE UNIVERSITAS MUHAMMADIYAH PURWOKERTO



Dear Colleagues,

It gives us great pleasure to invite all our colleagues to participate and join us at this major event the 2nd Universitas Muhammadiyah Purwokerto-Pharmacy International Conference (UMP-PIC) in collaboration with the 8th Indonesian Society of Cancer Chemoprevention (ISSC) Symposium with the theme “The Effective Approach for Non-Communicable Diseases: Current State of the Art Cardiovascular, Cancer, and Diabetes” being held in Purwokerto on 13-14 Oktober 2017 also offers doctors,

nurses, pharmacist from around provinces of Indonesia the opportunity to hearing presentations by internationally acclaimed experts and participating in a highly innovative scientific program and clinical research results.

Some health problems in Indonesia are non-infection diseases, in addition to infection diseases. Non communicable deseases, including cardiovascular, cancer, and diabetes, incidencey increase every year. As professionals who provide health service to the public, physicians and other health workers, pharmacist should be improve the ability and knowledge along with the latest developments in science and technology. As a team in health care, doctors, nurses, pharmacists greatly provide good synergy in work.

I appreciate to theseminar organizers who have tried to organize this scientific activities. We look forward to welcoming you to come and join us in the 2nd Universitas Muhammadiyah Purwokerto-Pharmacy International Conference (UMP-PIC) in collaboration with the 8th Indonesian Society of Cancer Chemoprevention (ISSC) Symposium “*The Effective Approach for Non-Communicable Diseases: Current State of The Art Cardiovascular, Cancer and Diabetes*”

Warm Regards

Wassalamu’alaikum warohamtullohi wabarokaatuh

dr. H. Mambodyanto SP, S.H, M.Kes (MMR), Adv
Dean of Faculty of Medicine
Universitas Muhammadiyah Purwokerto

FOREWORD BY THE DEAN OF FACULTY OF HEALTH SCIENCES UNIVERSITAS MUHAMMADIYAH PURWOKERTO



Dear Colleagues,

On behalf of the Faculty of Health Sciences, Universitas Muhammadiyah Purwokerto, and the organizing committee of the 2nd UMP-PIC & 8th ISCC, I am pleased to welcome all speakers and participants to our conference on *“The Effective Approach for Non Communicable Disease: Current State of the Art-Cardiovascular Disease-Cancer-Diabetes”* during 13-14th October 2017. I would like to express my sincere appreciation for the support of many colleagues in Indonesia and other countries whose enthusiasm and care have led us to today’s great achievement.

We have representatives from various countries and profession, I am confident that this conference will provide good opportunities to exchange knowledge, ideas, and experiences as well as discuss important issues concerning the health care profession throughout the world. In addition, this conference will promote collaboration between and among health care scholars on topics regarding health science research and education towards the development of friendly relation among colleagues of global health care.

Finally, on behalf of Faculty of Health Sciences, Universitas Muhammadiyah Purwokerto, and the organizing committee, I would like to thanks to the keynote speaker, the plenary speakers, chairs, and co-chairs of concurrent sessions. And to all my colleagues who have participated actively for the success of the conference, my wholehearted gratitude.

I wish you all a pleasant stay in Purwokerto, Indonesia. Please enjoy Indonesian food, beautiful scenery, cultures, and hospitality.

Drs. Ikhsan Mujahid, M.Si
Dean of Faculty of Health Sciences,
Universitas Muhammadiyah Purwokerto

FOREWORD BY THE CHAIRPERSON OF INDONESIAN SOCIETY FOR CANCER CHEMOPREVENTION



Assalamu'alaikum warahmatullahi wabarokaatuh

On behalf of the chairman of Indonesian Society for Cancer Chemoprevention (ISCC), I am very happy to welcome you to the 2nd Universitas Muhammadiyah Purwokerto – Pharmacy International Conference (UMP-PIC). Thank you for your presence here today, and for your great support and participation in this conference. This is our concern to develop together effectively the newest science and technology to combat cancer.

This year, our annual conference is held in collaboration with the Faculty of Pharmacy, Universitas Muhammadiyah Purwokerto (UMP) with the theme of “**The Effective Approach for Non Communicable Disease: Current State of The Art (Cardiovascular Disease, Cancer, and Diabetes)**”. Non-Communicable Diseases (NCDs) are the most prevalent diseases among people and also well known as diseases which are generally caused by lifestyle. Fortunately, the invited speakers, covering a spectrum field of study including clinical, physiological and molecular biology aspect already prepared the updated recent information in the particular fields to be shared in this occasion. We hope that all of the newest knowledge presented in this conference would be useful for our comprehensive understanding to improve our profession, academic and research activities. Moreover, our participation in this event surely will increase and strengthen our networking and capacity building in each of our institution. We would like to thank the Minister of RISTEKDIKTI, the Rector of UMP, the Dean of the Faculty of Pharmacy UMP, Nara Institute of Science and Technology-Japan, The Speakers, the committee and all of the participant.

Wassalaamu'alaikum wr wb.

Chairman
Indonesian Society for Cancer Chemoprevention
Prof. Dr. Edy Meiyanto, M.Si., Apt.