The 1st Asian Natural Product Conference (Q-AOS)

Local Time at Main Venue: 2020.05.21(Thu) 13:00 - 230min, Fukuoka, JP (UTC+09:00)
Organizer: Kuniyoshi Shimizu (Kyushu University, Japan)
Topic: Multidisciplinary research by using Asian natural products
Connection method: Zoom

Brief Description

In this conference, multidisciplinary research which used Asian natural products will be discussed from various perspectives. Also, the information exchange will be performed between the international researchers.

Program

Opening remarks

Kuniyoshi Shimizu (Kyushu University, Japan)

1st session

Session chair: Kuniyoshi Shimizu (Kyushu University, Japan)

・Enos Tangke Arung (Mulawarman University, Republic of Indonesia)
Propolis of Stingless Bees for Skin whitening agent

・Sri Fatmawati (Institut Teknologi Sepuluh Nopember (ITS), Republic of Indonesia)
ITS responses to COVID-19

・Akemi Nishide (User Life Science Co. Ltd., Japan)
Sleep Enhancement by Saffron Extract in Randomized control trial

2nd session

Session chair: Enos Tangke Arung (Mulawarman University, Republic of Indonesia)

・Rogers Mwakalukwa (Kyushu University, Japan)
Cultivar-specific metabolic profiling of olive leaves cultivars by LCMS based non-targeted metabolomics for the determination of AChE inhibitor metabolites

・Swandari Paramita (Mulawarman University, Republic of Indonesia)
Anti-hypercholesterolemia effect of *Zingiber montanum*: the medicinal plants from Indonesia

・Qinchang Zhu(Shenzhen University, China)
The Broad-Spectrum Antiviral Effects of Penduletin against Hand-Foot-Mouth Disease

3rd session

Session chair: Sri Fatmawati (Institut Teknologi Sepuluh Nopember (ITS), Republic of Indonesia)

・Toshinori Nakagawa (The University of Shiga Prefecture, Japan)

Feeding Functional Resources for Increasing Value of Livestock Products

・Asmaa Kamal El-Deen (Kyushu University, Japan)

Application of D-Limonene as a Bio-Based Solvent in Low Density-Dispersive Liquid-Liquid Microextraction of Acidic Drugs from Aqueous Samples

・Taisuke Nakashima (Kyushu University, Japan)

Effects of Japanese cedar scent on the human brain function

Closing remarks 1

Koichiro Ohnuki (Kindai University, Japan)

Closing remarks 2

Kuniyoshi Shimizu (Kyushu University, Japan)

Propolis of Stingless Bees for Skin whitening agent

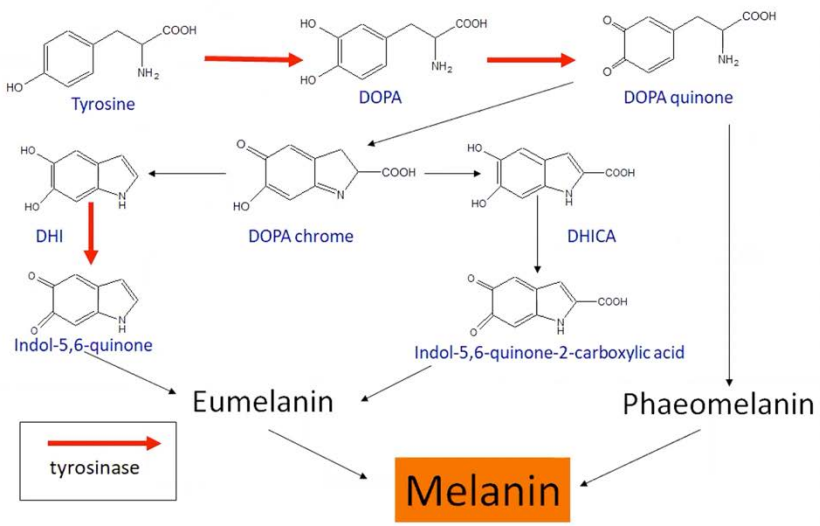
Enos Tangke Arung[1,2], Syafrizal[3], Swandari Paramita[2,4], Yadi,[2,4], Sukemi[5], Nataniel Tandirogang[2,4], Yhiya Amen[6,7], Kuniyoshi Shimizu[6], Hiroya Ishikawa[8]

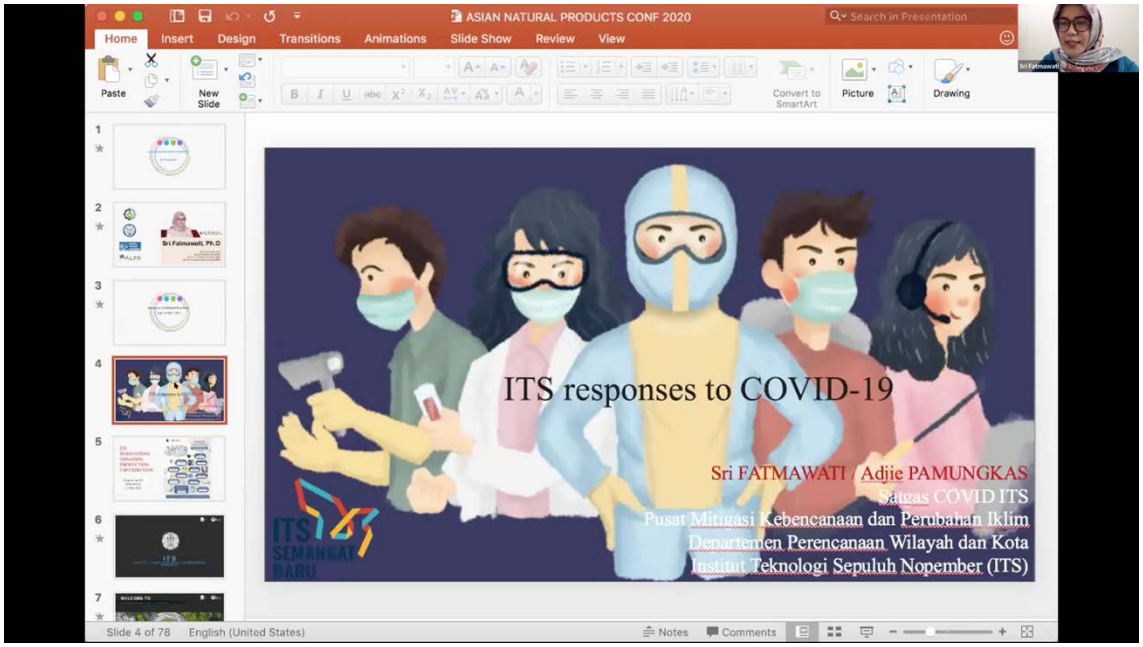
•1)Laboratory of Forest Product Chemistry, Faculty of Forestry, Mulawarman University, Samarinda, Indonesia;
•2)Research Center for Medicine and Cosmetics from Tropical Rainforest Resources, Mulawarman University, Samarinda, Indonesia; 3)Mathematics and Science Faculty, Mulawarman University, Samarinda, Indonesia; 4) Faculty of Medicine, Mulawarman University, Samarinda, Indonesia; 5)Faculty of Teacher Training and Education, Mulawarman University,
•Samarinda, Indonesia; 6)Department of Agro-Environmental Sciences, Faculty of Agriculture, Kyushu University, Fukuoka, Japan; 7) Department of Pharmacognosy, Faculty of Pharmacy, Mansoura University, Egypt; 8) Department of Food and Health Sciences, International College of Arts and Science, Fukuoka Women's University, Japan

ASIAN NATURAL CONFERENCE, Fukuoka, May 21, 2020

Forest Chemis Tree

Tyrosinase enzyme is a key for melanin biosynthesis in human skin color

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ITS responses to COVID-19
Sri FATMAWATI / Adjie PAMUNGKAS
Satgas COVID ITS
Pusat Mitigasi Kebencanaan dan Perubahan Iklim
Departemen Perencanaan Wilayah dan Kota
Institut Teknologi Sepuluh Nopember (ITS)
Slide 4 of 78
English (United States)
Notes
Comments


Lingzhi Farmer

Sleep Enhancement by Saffron Extract in Randomized control trial

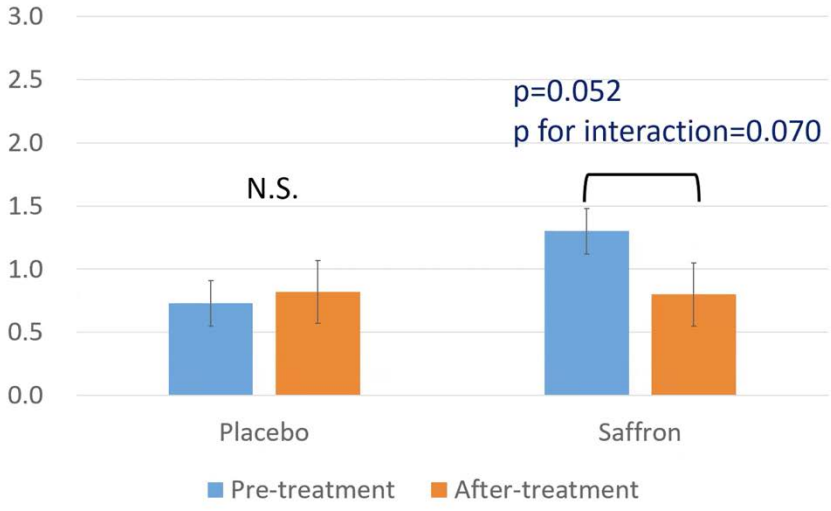
Akemi Nishide[1], Keiko Ohnuki[1], Tomonari Watanabe[2], Yoshiteru Nagaregawa[2], Kuniyoshi Shimizu[3], Koichiri Ohnuki[4]

1. User Life Science Co. Ltd. 2. SBS Co.Ltd.
3. Faculty of Agriculture, Kyushu University, 4. Department of Biological and Enviromental Chemistry Kindai University

24th May, 2020

Daytime dysfunction (Score 0-3)

(Placebo; n=11, Saffron; n=10)



Cultivar-specific metabolic profiling of olive leaves cultivars by LCMS based non-targeted metabolomics for the determination of AChE inhibitor metabolites

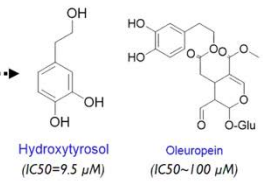
Rogers Mwakalukwa & Kuniyoshi Shimizu

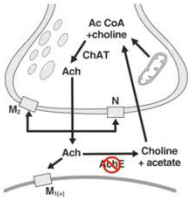
Thursday – 2020.05.21

Asian Natural Products Conference - 2020

OLIVES, CHEMICAL PROFILE, AND ALZHEIMER'S DISEASE

- Olives major biophenols, hydroxytyrosol and oleuropein, are known to exhibit anti-AD





Improves learning and memory
Useful in AD

Scarce information on other cpds which might be contributing to anti-AD activity!

Are there any difference in AD activity among cultivars?

Anti-hypercholesterolemia effect of *Zingiber montanum*: the medicinal plants from Indonesia

Swandari Paramita
Faculty of Medicine Mulawarman University
Research Center of Medicine and Cosmetics from Tropical Rainforest
Samarinda East Kalimantan Indonesia

Anti-hypercholesterolemic effect of *Zingiber montanum* extract

The *Zingiber montanum* has been widely taken as a medicinal plant in Asia.

Pharmacological properties of *Zingiber montanum* include antimicrobial, antioxidant, insecticidal, anti-cancer, and anti-inflammatory.

Asian Natural Product Conference

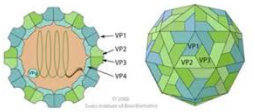
The Broad-Spectrum Antiviral Effects of Penduletin against Hand-Foot-Mouth Disease

Qinchang Zhu

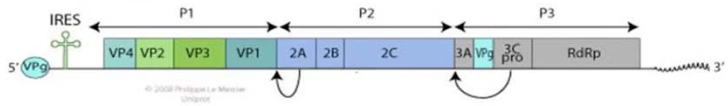
May 21, 2020, online

Assistant Professor
Laboratory of Natural Medicine, School of Pharmaceutical Sciences, Shenzhen University, Shenzhen City, China

The enteroviruses causing HFMD



***Picornaviridae*, 7.5kb ssRNA**



Modern classification of enteroviruses

Species	Past name
Polienterovirus (PEV)	Polioviruses 1, 2, 3 types
Human enterovirus A (HEV-A)	Coxsackie A types 2-8, 10, 12, 14, 16; Enterovirus 71
Human enterovirus B (HEV-B)	Coxsackie A-9, Coxsackie B types 1-6, ECHO types 1-7,9,11-21,24-27, 29-33; Enterovirus 69
Human enterovirus C (HEV-C)	Coxsackie A types 1, 11, 13, 15, 17-22, 24
Human enterovirus D (HEV-D)	Enterovirus 68,70

Enteroviruses mainly cause HFMD include:

Coxsackie group A (CVA) 4,5,6,7,9,10,16
Coxsackie group B (CVB)1,2,3,5
Ecovirus: Some serotypes (E-11)
Enterovirus 71 （EV71)
(Around 20 kinds)

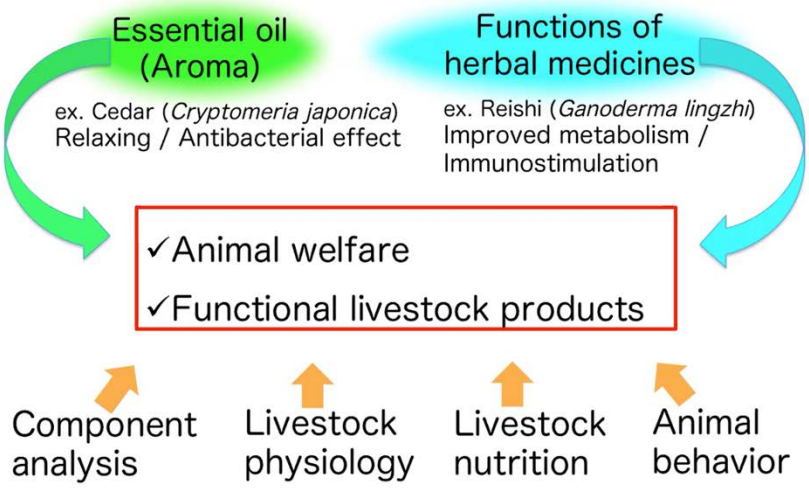
Asian Natural Product Conference

Feeding Functional Resources for Increasing Value of Livestock Products

21/5/2020
The University of Shiga Prefecture

Lecturer
Toshinori Nakagawa

The aim of our lab.



KYUSHU UNIVERSITY

Application of D-Limonene as a Bio-Based Solvent in Low Density-Dispersive Liquid-Liquid Microextraction of Acidic Drugs from Aqueous Samples

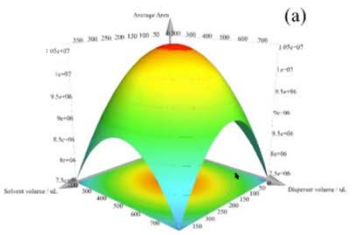
Asmaa Kamal El-Deen [a, b], Kuniyoshi Shimizu [a]

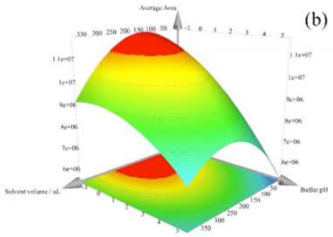
[a] Department of Agro-Environmental Sciences, Graduate School of Bioresource and Bioenvironmental Sciences, Kyushu University, 819-0395, Japan

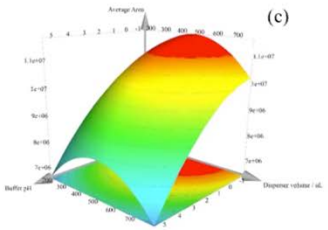
[b] Department of Pharmaceutical Analytical Chemistry, Faculty of Pharmacy, Mansoura University, Mansoura 35516, Egypt

May 21th, 2020

3D-RSM PLOTS







- The quadratic model resulted that the optimal parameters for maximum extraction efficiency were:

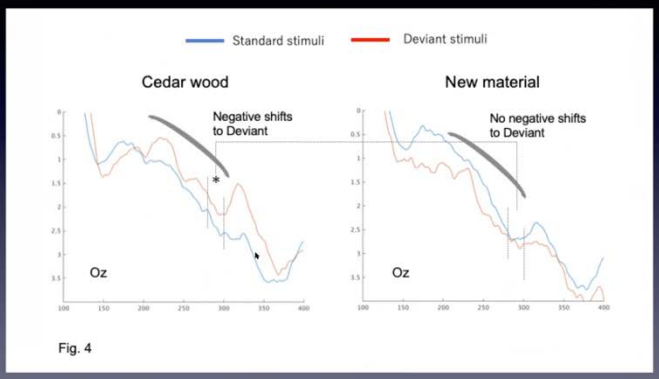
1. 2.0 for sample pH.
2. 200 µL for extractant (D-limonene) volume.
3. 500 µL of acetone (disperser) volume.

Effects of Japanese cedar scent on the human brain function

Taisuke Nakashima[1], Akiyoshi Honden[1], Minkai Sun[2], Yuri Yoshimura[1], Toshinori Nakagawa[3], Hiroya Ishikawa[4], Jun Nagano[1], Yuki Yamada[1], Tsuyoshi Okamoto[1], Yuichiro Watanabe[5], Shinji Yasunari[6], Koichiro Ohnuki[7], Noboru Fujimoto[1], and Kuniyoshi Shimizu[1*]

1) Kyushu University
2) Suzhou University of Science and Technology
3) The University of Shiga Prefecture
4) Fukuoka Women's University
5) Try Wood Corporation
6) YASUNARI Builder
7) Kindai University

MMN (Mismatch negativity)



Waveforms of the visual mismatch negativity (MMN) wave at mid-occipital site.

(Nakashima et al., in submission)


Recording
スピーカー ビュー
Toshinori Nakagawa
Taisuke Nakashima
邦義 清水
Swandari Paramita
Enos Tangke Arung
Sri Fatmawati
Qinchang Zhu
Dedi Satria
Yadi
Rudy Agung Nugroho
Nataniel
Harlinda Kuspradini
Takashi Kudo
Irawan Kusuma
sonam
Rico Ramadhan
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