



**The 1st APACPH Bangkok Region Conference
and The 8th
International Public Health Conference**

ORAL PRESENTATION ROOM

25 May 2017 (Day 1) Satharanasukvisit building

Room A: Global Health & One Health (Floor 2, Room: Surin-osathanukraw)

Chair	Professor Masamine Jimba, Department of Community and Global Health, The University of Tokyo, Tokyo, Japan.
Co-chair	Associate Professor Chanchudhi Chanyasanha, Department of Microbiology, Faculty of Public Health, Mahidol University
ThuPHO-1 The invited paper	Ultrasonication extraction, bioactivity, antioxidant activity, total flavonoid, acute toxicity of <i>Etilingera elatior</i> Jack R.M. Smith Flower extract health drink <u>Buavaroon Srichaikul</u> , Bunleu Sungthong
ThuPHO-2	Factors associated with undernutrition among children 6-36 month: hospital based study in Quetta, Balochistan, Pakistan <u>Abdul Mateen</u> , Warapone Satheannoppakao, Mathuros Tipayamongkhogul
ThuPHO-3	Factors affecting HIV/AIDS risk behaviors among adolescents in border areas between Nusa Tenggara Timur Province, Timor Leste <u>Ni Wayan Septarini</u> , De Fatma JA
ThuPHO-4	Effects of modified respiratory muscle stretch gymnastic (RMSG) on shoulder flexion and pain in postero-lateral thoracotomy <u>Umpira Promsri</u> , Saikaew Chuachan, Voravit Chittithavorn, Wattana Jalayondeja, Nantinee Nualnim
ThuPHO-5	Immediate effects of accelerated skill acquisition program after brain stimulation and action observation among individuals with subacute stroke <u>Chairat Phuaklikhit</u> , Jarugool Tretriluxana, Pakaratee Chaiyawat

Room B: Health Promotion and Community Health (Room 1811)

Chair	Associate Professor Yuwadee Rodjarpai, Dean, Faculty of Public Health, Burapha University
Co-chair	Assistant Professor Tassanee Silawan, Head, Department of Community Health, Faculty of Public Health, Mahidol University
ThuPHO-6 The invited paper	Exclusive breastfeeding practice during first six months of infant's life in Bangladesh: a country based cross-sectional study <u>Md. Ashraful Islam</u> , Md. Murad Hossain, Wah Yun Low, Md. Golam Hossain
ThuPHO-7 The invited paper	Using school based participatory research to create a culturally grounded intervention for preventing risky sexual behaviors in Thai early adolescents <u>Arpaporn Powwattana</u> , Sunee Lagampan, Pimrat Thammaraksa
ThuPHO-8	Positive preventive behaviors (PPB) of HIV transmission among reproductive women living with HIV/AIDS (RWLHA), Yangon, Myanmar <u>Khin Sandar Aye</u> , Kanittha Chamroonsawasdi, Suwat Srisorrachatr



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Room B: Health Promotion and Community Health (Room 1811)

- ThuPHO-9** **Successful outcome of evidence-based smoking cessation intervention package in the primary health care setting of Thailand: a randomized controlled trial (ISRCTN 893151117)**
Myo Nyein Aung, Motoyuki Yuasa, Saiyud Moolphate, Hiroshi Fukuda, Tsutomu Kitajima, Thaworn Lorga, Hirohide Yokokawa, Kazuo Minematsu, Susumu Tanimura, Yoshimune Hiratsuka, Koichi Ono, Sachio Kawai, Yaoyanee Suya, Payom Thinuan, Prissana Naunboonurang, Jitladda Deerojanawong, Somboon Chumvicharana, Eiji Marui
- ThuPHO-10** **Menstrual hygiene management among school going rural adolescents**
Afrin Ahmed Clara, Saheda Hamid, Khen Chan, Md Ashraful Alam, Nusrat Anik Afsana, Tamjida Sohni Hanfi, Nusrat Momen
- ThuPHO-11** **The effects of antismoking education using originally developed DVDs among sixth graders at elementary schools in four prefectures, Japan**
Yoshihisa Shirayama, Motoyuki Yuasa, Hiroshi Kobayashi

Room C: Environmental and Occupational Health (Room 1911)

- Chair** **Professor Kiyoshi Aoyagi**,
Department of Public Health, Nagasaki University School of Biomedical Sciences,
Nagasaki, Japan
- Co-chair** **Assistant Professor Tanongsak Yingratanasuk**,
Faculty of Public Health, Burapha University
- ThuPHO-12** **Relative humidity and secretory Immunoglobulin A**
The invited paper
Takafumi Maeda
- ThuPHO-13** **Usefulness of leg muscle mass measurement for active life in advanced age**
The invited paper
Satoshi Muraki
- ThuPHO-14** **Audiometric evaluation of chemical use and organic agricultural workers: a preliminary study**
Nattagorn Choochouy, Pornpimol Kongtip
- ThuPHO-15** **Arsenic exposure levels of the workers at the turnaround period in the petrochemical industry in Rayong Province, Thailand**
Laksanee Boonkhao, Wantanee Phanprasit, Dusit Sujirarat, Suphaphat Kwonpongsagoon, Chaiyanun Tangtong
- ThuPHO-16** **Strengthening self-care ability among waste pickers in Mahasarakham province**
Dittaphol Jaisue, Kessarawan Nilvarangkul
- ThuPHO-17** **Bacteriological quality of water from coin operated vending machines and their hygienic conditions in Leam Chabang City Municipality, Chonburi, Thailand**
Raewadee Thongbua, Chirapa Fakum, Prasert Makkaew



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Room D: Infectious Diseases and Disease Prevention (Room 1610)

Chair	Professor Leera Kittigul, Head, Department of Microbiology, Faculty of Public Health, Mahidol University
Co-chair	Professor Ya-Wen Betty Chiu, Director & Professor, Master Program in Global Health and Development, Taipei Medical University
ThuPHO-18 The invited paper	Distribution of naturally occurring Norovirus in Oyster tissues Turuta Lowmoung, Kannika Pombubpa, Teerapong Duangdee, Mathuros Tipayamongkhogul, <u>Leera Kittigul</u>
ThuPHO-19	Climatic factors and larval density index factors related to dengue cases of two provinces at upper and lower central parts of Thailand 2006-2015 <u>Chayada Khamsawads</u> , Charnchudhi Chanyasanha, Dusit Sujirarat, Apiwat Tawatsin
ThuPHO-20	Prevalence of opportunistic infections among SERO positive patients with HIV in the Sukhra Raj tropical and infectious disease hospital, Nepal <u>Satya Narayan Yadav</u>
ThuPHO-21	Decreasing trend of tuberculosis patients but failing successful treatment outcome in Chiang Rai: a five year retrospective cohort study <u>Amornrat Anuwatnonthakate</u> , Narin Suriyon, Chatuporn Phantakasem, Thapakorn Ruanjai
ThuPHO-22	Evaluation of two commercial dengue NS1 immunochromatography test kits compared with virus isolation from suspected dengue patients specimens <u>Paweena Manmee</u> , Charnchudhi Chanyasanha, Dusit sujirarat, Pongrama Ramasoota, Atsushi Yamanaka, Eiji Konishi
ThuPHO-23	Detection of filarial parasites in domestic cats by real time PCR/ High Resolution Melting analysis (HRM) <u>Darawan Nonsaithong</u> , Supit Yotmek, Somsri Yotmek, Hathai Nochote, Sirichit Wongkamchai, Usa Lek-Uthai

Room E: Disease prevention and control (Room 1713)

Chair	Professor Gias U Ahsan, Ph.D. Pro Vice Chancellor (Designate) & Dean School of Health & Life Sciences, North South University, Bangladesh
Co-chair	Dr. Kitiphong Harncharoen, Ph.D. Head, Department of Epidemiology, Faculty of Public Health, Mahidol University
ThuPHO-24	Immediate effects of stretching and breathing exercises on chest expansion and thoracic kyphosis individuals with thoracic hyperkyphosis <u>Jitraporn Sriboonpeng</u> , Amporn Nuntapornsak, Mantana Vongsirinavarat
ThuPHO-25	Cyberbullying among Thai adolescents <u>Emwadee Kiatsiri</u> , Naruemon Auemaneekul, Arpaporn Powwattana, Nanthana Thananowan



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**Room E: Disease prevention and control
(Room 1713)**

- ThuPHO-26** Effects of the health belief model program for breast cancer prevention among female high school students in Bangkok Metropolitan
Supraanee Noitung, Punyarat Lapvongwatana, Nutkamol Chansatitporn
- ThuPHO-27** Factors related to quality of life in patients with type 2 diabetes
Thapatlada Kiatlertdecha, Panan Pichapinyo, Sunee Lagampan,
Plernpit Suwan-ampai
- ThuPHO-28** Effects of speed and amplitude instructions on reaching and grasping training among individuals with parkinson's disease: a preliminary study
Tanaporn Chandhorohit, Jarugool Tretriluxana, Jatuporn Suttiwong,
Suweena Khacharoen, Prachaya Srivanitchapoom
- ThuPHO-29** Optimization of spleen cell culture to detect CD69-expressing parasite-specific CD4⁺ memory T cells
Kittiya Intaruck, Yuvadee Mahakunkitcharoen, Tawee Saiwichai,
Jiraphan Junjhon, Chakrit Hirunpetcharat

**Room F: Public Health Nursing
Conference Room, Floor 4th, Debhanom Muangman Building**

- Chair** Assistant Professor Sresuda Wongwisukul, Ph.D.
Dean, Faculty of Nursing, Suan Dusit University
- Co-chair** Dr. Kritsanaporn Tipkanjanaraykha, RN, GAPN, Ph.D.
Community Health Nursing Department, Boromarajonani College of Nursing,
Bangkok
- ThuPHNO-1** **Stroke Care Model in Thai Community: A Participatory Action Research**
The invited paper
Somnuk Sakunhongsophon, Sookfong Wongsathapornpat, Vilai Tangpanitandee,
Kanika Kanjanakul
- ThuPHNO-2** **IT Innovation for Home Ward Referral System in Bangkok**
The invited paper
Waneerat Rungkiattikul, Wanna Ngamprasert, Wilaiporn Mahattapiwat,
Yupadee Chaowanaphan, Skawvadee Dokthien
- ThuPHNO-3** **Factors predicting activities of daily living among stroke patients in Bangkok Metropolitan**
Kanitha Tuida, Patcharaporn Kerdmongkol, Kwanjai Amnatsatsue,
Tassanee Rawiworrakul
- ThuPHNO-4** **Behavior Factors Related to Recurrent Stroke**
Sujittra Khumsaard
- ThuPHNO-5** **Effects of a stroke prevention program for older adults with hypertension**
Chuenchom Somphol
- ThuPHNO-6** **Factors related to multiple risk behaviors among vocational students in Bangkok**
Kopkanop Duangkaew
- ThuPHNO-7** **Factors associated with risky sexual behavior among young males in Royal Thai Army**
Tanannut Singwiset
- ThuPHNO-8** **Effect of program applying motivation protection theory to contact lens Keratitis prevention behaviors among vocational students, Bangkok**
Anongnut Sarachan



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ORAL PRESENTATION ROOM

26 May 2017 (Day 2) Satharanasukvisit building

Room A: Injuries and Emergency Response (Surin-Osathanukraw Room)

Chair	Dr. Luca Falqui MD, Ph.D. International Committee of the Red Cross (ICRC), Regional Delegation Bangkok
Co-chair	Assistant Professor Niruwan Turnbull, Ph.D. Deputy Dean, Faculty of Public Health, Mahasarakham University
FriPHO-30 The invited paper	Elderly patients' satisfaction on emergency medical service system: a qualitative study <u>Nitchaphat Khansakorn</u> , Tassanee Silawan, Umawadee Laothong, Wirin Kittipichai, Tassanee Rawiworrakul
FriPHO -31 The invited paper	GIS in Health <u>Niruwan Turnbull</u>
FriPHO-32	Influence of lighting conditions on response time among the elderly <u>Teerapapa Luecha</u> , Vimonwan Hiengkeaw, Pichayada Katemake
FriPHO-33	Intimate partner violence victims and health problems among men who have sex with men in Bangkok, Thailand <u>Ajchara Seeya</u> , Naruemon Auemaneekul, Wonpen Keawpan, Arpaporn Powwatana, Pratana Satitvipawee
FriPHO-34	Injury surveillance system in Nay Pyi Taw Union Territory, Myanmar <u>Win Ei Ei Thaw</u> , Nutkamol Chansatitporn, Kwanjai Amnatsatsue, Boonthamcharoen Kanittha, Thazin Myint, Wantanee Phanprasit
FriPHO-35	Health related quality of life among coronary artery bypass graft patients attending a combined military hospital, Dhaka <u>Sheikh Mohammad Nurul Irfan</u>

Room B: Non-Communicable Diseases and Aging (Room 1811)

Chair	Professor Maznah Dalui , Deputy Dean of Faculty of Medicine Department of Social and Preventive Medicine, University of Malaya, Malaysia
Co-chair	Assistant Professor Rewadee Chongsuwat, Ph.D. Head, Department of Nutrition, Faculty of Public Health, Mahidol University
FriPHO-36 The invited paper	Effectiveness of physical activities program on physical fitness among older adults in the eastern region, Thailand <u>Kanchana Piboon</u> , Paiboon Pongsangphun, Paungtong Inchai
FriPHO-37 The invited paper	Effects of foot reflexology for smoking cessation in Donsai Community <u>Mondha Kengganpanich</u> , Tharadol Kengganpanich, Thanut Dolampornpisuth, Somsri Pohprasith
FriPHO-38	Urban-rural disparity in risk of type 2 diabetes mellitus among Bangladeshi housewives <u>Anfisa Rahman</u> , Shaila Hossain, Md Ashraful Alam, Halima Sultana Haque, Afrin Ahmed Clara, Shuvasish shaha, Md Nazmul Haque



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Room B: Non-Communicable Diseases and Aging (Room 1811)

FriPHO-39	Effects of action observation combined with low-frequency repetitive transcranial magnetic stimulation induced corticospinal changes in subacute stroke: preliminary study <u>Prathomchai Rattanawan</u> , Jarugool Tretriluxana, Pakaratee Chaiyawat
FriPHO-40	Elderly healthcare policy in China <u>Yue Liu</u>
FriPHO-41	Developing a management system in a community to assure time accessibility to stroke fast track and continuous care for stroke patients <u>Hathaichanok Buajaroen</u>

Room C: Environmental and Occupational Health 2 (Room 1911)

Chair	Professor Satoshi Muraki , Faculty of Design, Kyushu University
Co-chair	Associate Professor Orawan Kaewboonchoo , Department of Public Health Nursing, Faculty of Public Health, Mahidol University
FriPHO-42 The invited paper	A study on human sense properties to improve operation accuracy for the human machine interface <u>Mukae Hideyuki</u>
FriPHO-43 The invited paper	Hemodynamic responses to mental works <u>Xinxin Liu</u>
FriPHO-44 The invited paper	GIS for Environment and Public Health <u>Suwisa Mahasandana</u> , D.Eng.
FriPHO-45	Dermal and inhalation exposure to alachlor among vegetable farmers in Bungpha Subdistrict, Phitsanulok, Thailand <u>Redeerat Mahaboonpeeti</u> , Pornpimol Kongtip
FriPHO-46	Mercury exposure and urinary mercury of workers during routine work in the petrochemical industry <u>Maytiya Muadchim</u> , Wantanee Phanprasit, Mark Gregory Robson, Dusit Sujirarat, Suphaphat Kwonpongsagoon
FriPHO-47	Predicting safety behaviors among rubber wood processing workers using theory of planned behavior <u>Junjira Mahaboon</u> , Anongnard Boonpak, Nattakarn Worrasan, Busma Kama, Mujalin Saikliang, Siriporn Dankachatarn
FriPHO-48	Study of posture effect on muscle fatigue from social media use by notebook computers among students at Suranaree University of Technology, Thailand Kamolpan Tapiwcrue, Siriporn Yoreepan, Malee Poonsri, Pailin Yamyim, <u>Sumalee Buensanteai</u>



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Room D: Health System and Health Risk (Room 1610)

Chair	Associate Professor Sukhontha Kongsin, Director of Research Center for Health Economics and Evaluation, Department of Public Health Administration, Faculty of Public Health, Mahidol University
Co-chair	Dr. Pajaree Abdullakasim, Faculty of Public Health, Burapha University
FriPHO-49 The invited paper	Improve the quality of health care system among the group of people living with HIV/AIDS in Khemmarat District Hospital, Ubonratchathani Province, Thailand <u>Ladda Vaiyawan, Siriwan Arsasri</u>
FriPHO-50	Lesson from a community survey of 24-hour salt intake in northern Thailand <u>Saiyud Moolphate, Patarajarin Kunaroop, Myo Nyein Aung</u>
FriPHO-51	Methamphetamine use and sexual risk among adolescents in Bangkok <u>Min Htike, Bang-on Thepthein</u>
FriPHO-52	The effectiveness of brief counseling in alcohol with depression <u>Jipattra Manyardaon, Doungjai Buntup, Prapapun Chucharoen, Pichai Saengcharnchai</u>

Room E: Public Health Nursing Conference Room, Floor 4th, Debhanom Muangman Building

Chair	Dr. Woradate Changkaew, Boromarajonani College of Nursing, Ratchaburi
Co-chair	Assistant Professor Pimsupa Chandanasotthi, Head, Community Health Nursing, Faculty of Nursing, Nakhon Pathom Rajabhat University
FriPHNO-9	Factors related to home visit behavior of village health volunteers for hypertensive patients who missed appointments <u>Praphatsorn Kiatluedet</u>
FriPHNO-10	Behavior factors related to depression among uncontrolled Diabetic Type II patients <u>Anusara Sutad</u>
FriPHNO-11	The social and economic factors related to the health dimension of successful aging among urban dwelling elderly in Bangkok Metropolitan <u>Sarunya Wongkampung</u>
FriPHNO-12	Effects of a nurse lead program on fall prevention behaviors for older adults in a community, Bangkok <u>Sasima Cheepat</u>
FriPHNO-13	Relationship between work-related stress and job satisfaction of nursing educators under the approval of the Ministry of Public Health <u>Sawitree Kaewnan</u>
FriPHNO-14	Factors related to transformational leadership roles in health promotion of chief district nurse officer <u>Sasitorn Poosakaew</u>