

# Basic and Applied Studies of Ethnic Food Materials for Human Health



AM 8:50, July 6th, 2016



University Hall 2F, Kyoto Prefectural University (Japan)

## Session 1: Opening Remarks & International Relationship

8:50 Yasushi Nakamura (KPU), Opening remarks, International collaboration with five Universities

9:00 Varit Srilaong (KMUTT), International program of KMUTT for students in foreign countries

## Session 2: Systematic Botany & Morphological Botany

9:30 Bhanubong Bongcheewin (MUPY), A taxonomic study of *Pogostemon* Desf. (Lamiaceae) in Thailand

10:00 Seiji Takeda (KPU), Prediction of Chrysanthemum flowering time by morphological change of shoot apical meristem

10:20 Tsutomu Tachibana (KPU), Microsatellite-based phylogenetic analysis and morphological analysis of *Habenaria radiata* (Orchidaceae)

10:30 Kei-ichiro Ohashi (KPU), Relation between reversed flower morphology and glandular trichomes in *Ipomoea nil*

10:40 Yusuke Onishi (KPU), Classification of *Mentha* glandular trichomes in strains that accumulate different types of monoterpene

## Session 3: Ethnic Plant Materials for Human Health

11:00 Wataru Aoi (KPU), Possible application of *Kyo-yasai* (heirloom vegetables in Kyoto) in sports field

11:20 Azusa Sasaki (KPU), Exploration of plant food materials for diabetic

11:30 Krit Thirapamethee (MUPY), In vitro anti Hepatitis C virus activity from *Cladogynos orientalis* extracts

## Session 4: Postharvest Technology for Ethnic Food Materials

13:00 Samak Kaewsuksaeng (TSU), Characterization of chlorophyll degradation in postharvest green sour citrus fruits and their control

13:30 Panida Boonyariththongchai (KMUTT), Application of postharvest technology on maintaining quality and bioactive compound of subtropical fruits

14:00 Chalida Chimvaree (KMUTT), Effect of drying process development on bioactive compound of chamomile in case study: Sa Ngo Royal Project Development Center

## Session 5: Ethnic Plant Materials for Human Life

14:30 Yasushi Nakamura (KPU), Ethnic food materials for human health in Japan and Southeast Asia based on *Washoku* (Japanese cuisine) study

14:50 Shigehisa Okamoto (KU), The potential of dietary crops and herbaceous plants as sources of bioactive substances, which have been utilized in subtropical region of Japan

15:10 Mullika T. Chomnawang (MUPY), Efficacy of cinnamon bark oil and cinnamaldehyde on anti-multidrug resistant *Pseudomonas aeruginosa* and the synergistic effects in combination with other antimicrobial agents

15:40 Tomoaki Matsuo (KU, KPU), Explore the mystery of the astringent component of persimmon fruit to pave the way as a new industrial material !

## Session 6: Closing remarks

16:00 Varit Srilaong (KMUTT), Closing remarks, Announce of "The 3rd Joint Symposium at KMUTT"

KMUTT (King Mongkut's University of Technology Thonburi, Thailand), KPU (Kyoto Prefectural University, Japan), KU (Kagoshima University, Japan), MUPY (Mahidol University, Faculty of Pharmacy, Thailand), TSU (Thaksin University, Thailand)

# タイと日本の植物資源による健康増進作用の 基礎研究とその応用



2016年7月6日 AM 8:50



聴講自由, 事前申込不要 大学会館2階 (京都府立大学)

## Session 1: Opening Remarks & International Relationship

- 8:50 Yasushi Nakamura (KPU), Opening remarks, International collaboration with five Universities
- 9:00 Varit Srilaong (KMUTT), International program of KMUTT for students in foreign countries

## Session 2: Systematic Botany & Morphological Botany

- 9:30 Bhanubong Bongcheewin (MUPY), A taxonomic study of *Pogostemon* Desf. (Lamiaceae) in Thailand
- 10:00 Seiji Takeda (KPU), Prediction of Chrysanthemum flowering time by morphological change of shoot apical meristem
- 10:20 Tsutomu Tachibana (KPU), Microsatellite-based phylogenetic analysis and morphological analysis of *Habenaria radiata* (Orchidaceae)
- 10:30 Kei-ichiro Ohashi (KPU), Relation between reversed flower morphology and glandular trichomes in *Ipomoea nil*
- 10:40 Yusuke Onishi (KPU), Classification of *Mentha* glandular trichomes in strains that accumulate different types of monoterpene

## Session 3: Ethnic Plant Materials for Human Health

- 11:00 Wataru Aoi (KPU), Possible application of *Kyo-yasai* (heirloom vegetables in Kyoto) in sports field
- 11:20 Azusa Sasaki (KPU), Exploration of plant food materials for diabetic
- 11:30 Krit Thirapamethee (MUPY), In vitro anti Hepatitis C virus activity from *Cladogynos orientalis* extracts

## Session 4: Postharvest Technology for Ethnic Food Materials

- 13:00 Samak Kaewsuksaeng (TSU), Characterization of chlorophyll degradation in postharvest green sour citrus fruits and their control
- 13:30 Panida Boonyariththongchai (KMUTT), Application of postharvest technology on maintaining quality and bioactive compound of subtropical fruits
- 14:00 Chalida Chimvaree (KMUTT), Effect of drying process development on bioactive compound of chamomile in case study: Sa Ngo Royal Project Development Center

## Session 5: Ethnic Plant Materials for Human Life

- 14:30 Yasushi Nakamura (KPU), Ethnic food materials for human health in Japan and Southeast Asia based on *Washoku* (Japanese cuisine) study
- 14:50 Shigehisa Okamoto (KU), The potential of dietary crops and herbaceous plants as sources of bioactive substances, which have been utilized in subtropical region of Japan
- 15:10 Mullika T. Chomnawang (MUPY), Efficacy of cinnamon bark oil and cinnamaldehyde on anti-multidrug resistant *Pseudomonas aeruginosa* and the synergistic effects in combination with other antimicrobial agents
- 15:40 Tomoaki Matsuo (KU, KPU), Explore the mystery of the astringent component of persimmon fruit to pave the way as a new industrial material!

## Session 6: Closing remarks

- 16:00 Varit Srilaong (KMUTT), Closing remarks, Announce of "The 3rd Joint Symposium at KMUTT"

KMUTT (King Mongkut's University of Technology Thonburi, Thailand), KPU (Kyoto Prefectural University, Japan), KU (Kagoshima University, Japan), MUPY (Mahidol University, Faculty of Pharmacy, Thailand), TSU (Thaksin University, Thailand)