



ICHALS

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# The 2nd International Conference on Health and Longevity Sciences

food safety | food-drug interactions | personalized healthcare | lifestyle-related diseases | drug and functional food development

October 1, 2009 9:00 – 17:30

University of Shizuoka (Lecture Room 13411)

## Symposium “Integrated Food-Pharmaceutical Science”

I Rolando A. Flores (University of Nebraska-Lincoln)

Jens Walter (University of Nebraska-Lincoln)

II Krongtong Yoovathaworn (Mahidol University)

Narin Boontanon (Mahidol University)

III Margot Skinner (The New Zealand Institute for Plant & Food Research Ltd.)

Tsutomu Nakayama (University of Shizuoka)

Toshiyuki Kan (University of Shizuoka)

## Student Presentations

Presentations by student participants  
in the 2009 Shizuoka Health Sciences  
English Program (SHEP)

## Poster Sessions

I Global COE Program members

II 2009 SHEP participants



Global COE Program, University of Shizuoka --- Innovation in Human Health Sciences

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# Symposium “Integrated Food-Pharmaceutical Science”

9:00 — 11:00 Poster Session I Global COE Program members

11:00-  
Opening address

**Yasuyuki Imai**

Director, Global COE Program; Professor, Dean, Graduate School of Pharmaceutical Sciences

11:05-  
Greetings

**Naohide Kinae**

President, University of Shizuoka

11:10 - 12:10  
**Symposium I**

Chair: Hirokazu Kobayashi

Professor, Dean, Graduate School of Nutritional and Environmental Sciences

Technologies and Innovation in Food Science

11:10-



**Rolando A. Flores**

Professor, Head, Department of Food Science and Technology, Food Processing Center, University of Nebraska-Lincoln

Challenges and opportunities in education, research and outreach in food science

11:40-



**Jens Walter**

Assistant Professor, Department of Food Science and Technology, University of Nebraska-Lincoln

The importance of the gastrointestinal microbiota for health: An evolutionary perspective

13:00 — 13:45 Student Presentations

13:45 — 14:30 Poster Session II 2009 SHEP participants

14:30 - 15:30  
**Symposium II**

Chair: Hiroshi Noguchi

Professor, Graduate School of Pharmaceutical Sciences

Food, Drug and Environmental Safety

14:30-



**Krongtong Yoovathaworn**

Associate Professor, Head, Multidisciplinary Unit and Department of Pharmacology, Faculty of Science, Mahidol University

Efficacy and safety of compounds from *Zingiber* sp., *Curcuma* sp. and Tea as drugs and cytoprotective agents

15:00-



**Narin Boontanon**

Deputy Dean for Student Affairs, Faculty of Environment and Resource Studies, Mahidol University

Risk of PFOS and PFOA contamination in drinking water

15:45 - 17:15

## Symposium III

Chair: Shizuo Yamada

Professor, Graduate School of Pharmaceutical Sciences

### Beyond Functional Foods: Drugs and Discoveries

15:45-



#### **Margot Skinner**

Principal Scientist, Food and Wellness Group, Food Innovation, The New Zealand Institute for Plant & Food Research Ltd.

Wellness and mood foods

16:15-



#### **Tsutomu Nakayama**

Professor, Dean of School of Food and Nutritional Sciences, University of Shizuoka

Chemical biology of tea catechins

16:45-



#### **Toshiyuki Kan**

Professor, Graduate School of Pharmaceutical Sciences, University of Shizuoka

A lesson from catechins: Development of probe molecules and lead compounds for drug discovery

17:15-

Closing remarks

#### **Toshinao Goda**

Professor, Graduate School of Nutritional and Environmental Sciences

## Student Presentations

### Presentations by Student Participants in the 2009 Shizuoka Health Sciences English Program (SHEP)

Chair: Philip Hawke Associate Professor, Global COE Program

13:00-  
Overview

**Noriko Yoshimura** Professor, Faculty of International Relations

13:05-



**Yoshiki Seto** Graduate School of Pharmaceutical Sciences

Development of novel prediction tools for drug-induced photosensitivity risk

13:15-



**Mika Tsugane** Graduate School of Nutritional and Environmental Sciences

Analysis of non-autonomous DNA-based active rice transposon (*nDart*) tagged albino mutant *al101*

13:25-



**Ying-Ling Lai** Graduate School of Nutritional and Environmental Sciences

Alterations of activities of enzymes involved in the regulation of nitric oxide biosynthesis in the kidney of OLETF rats: A model for type 2 diabetes mellitus

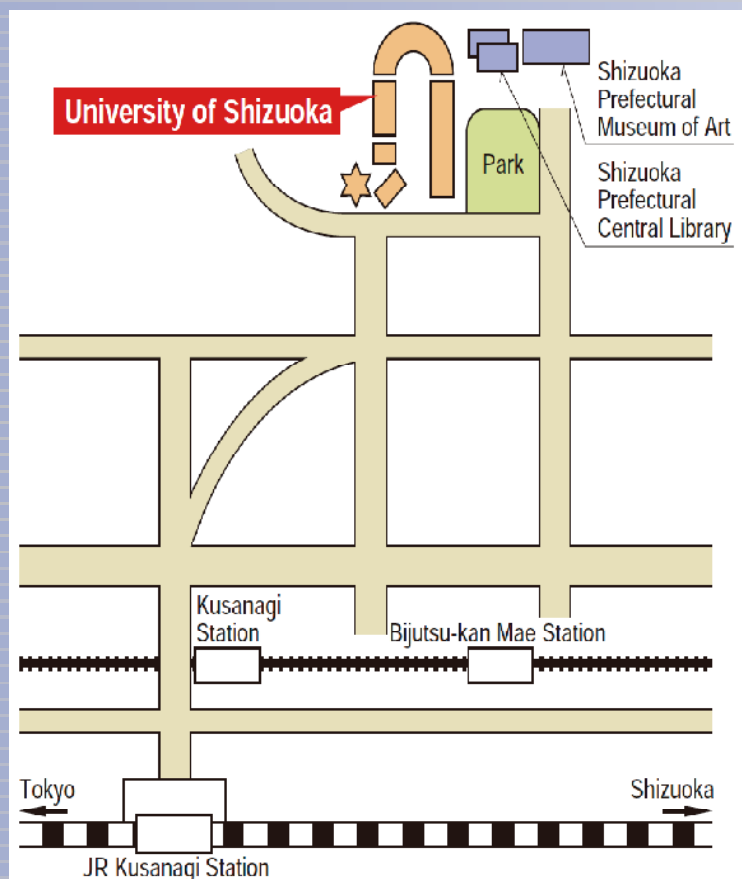
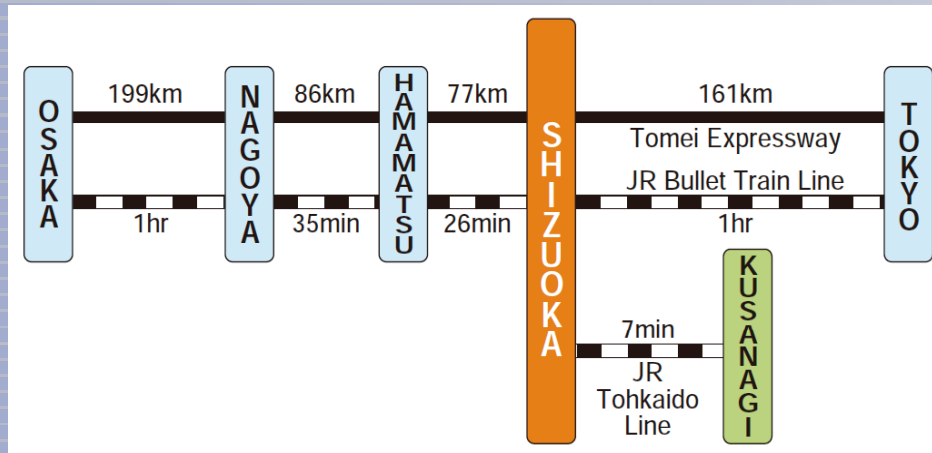
13:35-



**Masaki Ando** Graduate School of Pharmaceutical Sciences

Effect of zinc on hippocampal long-term potentiation

# Access



## Contact

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