

# FINAL ANNOUNCEMENT



*Symposium on*  
**Plant Polyphenols: Nutrition,  
Health and Innovations**

June 22~23, 2009, Kuala Lumpur, Malaysia

Organizer



**International Life Sciences Institute (ILSI)  
Southeast Asia Region**

Co-organizer



**The Nutrition Society of Malaysia**



# Background

Interest in polyphenols and their role in the prevention of chronic degenerative diseases, such as cardiovascular diseases and some types of cancer, has grown increasingly over the past 10 years. Polyphenols are antioxidants found abundantly in many of the foods we eat. They are present in plants such as fruits, vegetables, seeds, legumes and nuts, and food products derived from them such as tea, coffee, fruit juices, wines, soy products, and our all-time favorites - cocoa and chocolate.

There are scientific evidences that suggest that polyphenols perform much more important roles, from providing basic nutrition to disease prevention and control. Studies on polyphenols' antioxidant properties in reducing oxidative stress to cardiovascular health, and those on anti-inflammatory effects to improvement of immune function are on-going. For the food industry, such knowledge is garnering interests and leading to more innovative product development and positioning to meet consumers' health demand, as well as regulatory requirements. Opportunities abound while challenges remain in further understanding of the functions and role of specific polyphenols, their benefits on health, application and appropriate utilization.

## Objectives

This two-day symposium will highlight scientific evidences regarding the health-promoting effects of plant polyphenols; their current and potential uses; and challenges faced by the food industry in developing and marketing products that contain polyphenols.

Specifically, the objectives are:

- 1 To share the state-of-the art knowledge on polyphenols;
- 2 To review current research data as well as gaps on the role of polyphenols in promoting health;
- 3 To identify the current and potential uses as well as challenges of using polyphenols in product development.

## Who should attend

- Nutritionists, dietitians, researchers and allied health professionals;
- Management, R&D and marketing personnel from the food and beverage industry;
- Government and regulatory agencies officials; and
- Those who wish to find out the latest information on polyphenols.

# Program Overview

## 1. Unraveling the Complex Link between Plant Polyphenols, Nutrition and Health

- Current state of knowledge - types, chemistry and distribution of polyphenols among plants and food products
- Physiologic functions and nutrient interactions of selected phenolic compounds, eg. flavanones, isoflavones, flavan-3-ols, anthocyanins, etc
- Dietary intake, risk and benefit assessment of polyphenols
- Clinical and epidemiological studies supporting evidence of risk reduction for selected diseases (eg. cancers, allergy, osteoporosis, diabetes etc) and potential benefits for weight, cognitive functions, etc

## 2. Harnessing Technology and Innovations for Health and Advancing Regulatory Processes

- Agricultural influences, new technologies, analytical aspects and characterization of plant polyphenols
- Regulatory aspects and substantiation of claims
- Consumption trends and consumer perspectives on polyphenols
- Addressing gaps – new science frontiers, research collaboration between industry and academics for scientific development, food innovation and application for health promotion

### Culinary Demonstration and Exhibits

To complement the technical sessions, creative culinary demonstrations and products exhibits promise to be a unique gastronomic and learning experience for the participants!

## Poster Session

A poster session will provide researchers with an excellent platform to share their studies on plant polyphenols. Those interested in presenting a poster in line with the symposium theme and topics are welcome to submit an abstract on-line.

Only abstracts of registered participants will be considered for inclusion. Accepted abstracts will be notified two-weeks after receipt of abstract. Deadline for submission is **May 15, 2009**.

All posters are to be submitted through the symposium website **[www.ils-i-polyphenols2009.com](http://www.ils-i-polyphenols2009.com)**

*\* Poster presenters enjoy a 10% discount on the registration fee.*



## Tentative Program

## Day 1

0730 - 0845

### Registration

0845 - 0915

### Welcome and Opening Remarks

*Dr Suzanne Harris, ILSI*

*Mrs Yeong Boon Yee, ILSI SEA Region*

*Dr Tee E Siong, Nutrition Society of Malaysia*

### OPENING PLENARY

0915 - 0945

### Unraveling the Complex Links of Plant Polyphenols and Health – Current State of Science

*Prof Gary Williamson, University of Leeds, UK*

0945 - 1015

### Analytical Methods and Assessment of Biological Activities of Dietary Polyphenols and Flavonoids

*Prof Kevin Croft, University of Western Australia, Australia*

1015 - 1045

Morning Break / Poster Viewing

### PLENARY SESSION 1 : TEA

1045 - 1110

### Can Tea Polyphenols Reduce the Risk of Cardiovascular and Related Diseases? – An Update

*Prof Jonathan Hodgson, University of Western Australia, Australia*

1110 - 1135

### Tea Polyphenols and Cancer Prevention - Data from Asian Studies

*Prof Gao Yu-Tang, Shanghai Cancer Institute, China*

1135 - 1200

### Distribution of Tea Flavonoids in Different Types of Teas, Effects of Processing and Health Perspectives

*Dr Manoj Joshi, Unilever Research India, India*

1200 - 1225

### Tea Polyphenols – Current Regulatory Status and Health Claims from the Japanese FOSHU Perspective

*Dr Keiichi Abe, Cerebos Pacific Limited, Singapore*

1225 - 1240

Open Discussion

1240 - 1415

Lunch / Poster and Exhibit Viewing

### PLENARY SESSION 2 : COFFEE

1415 - 1440

### Coffee Antioxidants – Bioavailability and Health Effects

*Prof Gary Williamson, University of Leeds, UK*

1440 - 1505

### Is There a Role for Coffee in Diabetes and Parkinson's Disease?

*Dr Koh Woon Puay, National University of Singapore, Singapore*

1505 - 1530

### Intrinsic Health Benefits of Coffee – Scientific Evidence and Regulatory Hurdles

*Dr Thomas Hatzold, Kraft Foods R&D Inc., Germany*

1530 - 1555

### Coffee – Trends, Technology and Innovations

*Dr Elke Gerhard-Rieben, Nestlé, Switzerland*

1555 - 1610

Open Discussion

1610 - 1630

Afternoon Break / Poster and Exhibit Viewing, Culinary Demonstrations

### PLENARY SESSION 3 : NUTS & SEEDS

1630 - 1655

### Flavonoids Distribution in Nuts and Seeds and Research Challenges

*Dr Oliver Chen, Tufts University, USA*

1655 - 1720

### Consumption of Nuts and Seeds and Evidences for Health Benefits

*Dr Karen Lapsley, Almond Board of California, USA*

1720 - 1745

### Polyphenols in Olive Oil and Fruits – Science and Applications

*Dr Karin Wertz, DSM Nutritional Products Ltd, Switzerland*

1745 - 1800

Open Discussion

1800 - 1830

Poster Session

## Tentative Program

## Day 2

### DAY 2 OPENING SESSION

- 0815 - 0845 **Poster Session**  
0845 - 0915 **Promises and Pitfalls of Plant Polyphenols – Developing the Research Agenda for Asia**  
*Prof Barry Halliwell, National University of Singapore, Singapore*

### PLENARY SESSION 4 : COCOA & CHOCOLATE

- 0915 - 0940 **The Health Effects of Cocoa – Establishing The Link**  
*Prof Jonathan Hodgson, University of Western Australia, Australia*
- 0940 - 1005 **New Technology in Characterization, Assessment of Processing Effects, and Maximizing the Quality and Polyphenol Contents of Cocoa Products in Asia**  
*Dr Misnawi, Cocoa and Coffee Research Center, Indonesia*
- 1005 - 1030 **Asian Study on Cocoa Polyphenols**  
*Dr Amin Ismail, Universiti Putra Malaysia, Malaysia*
- 1030 - 1055 **Harnessing Technology and Innovations for Nutrition and Health**  
*Dr Roger Bektash, Mars Australia, Australia*
- 1055 - 1110 Open Discussion
- 1110 - 1135 Morning Break / Poster and Exhibit Viewing

### PLENARY SESSION 5 : SOY

- 1135 - 1205 **Soy Isoflavones – Overview of Metabolism, Efficacy, Safety and Health Effects**  
*Dr Mark Messina, Soy Nutrition Institute, USA*
- 1205 - 1230 **Soy and Cancer Risk Reduction – Evidence from the Singapore Chinese Health Study**  
*Dr Koh Woon Puay, National University of Singapore, Singapore*
- 1230 - 1255 **Innovations and Challenges in Harnessing Soy Health Research to Meet Products and Consumer Needs**  
*(TBC)*
- 1255 - 1310 Open Discussion
- 1310 - 1425 Lunch / Poster and Exhibit Viewing

### PLENARY SESSION 6 : ASIAN FRUITS, VEGETABLES AND SPICES

- 1425 - 1450 **Analysis and Estimated Intake of Total Phenolic Compounds and Antioxidants of Asian Vegetables – Findings from The Singapore Study**  
*Dr Huang De Jian, National University of Singapore, Singapore*
- 1450 - 1515 **Polyphenols in Thai Herbs and Spices – Potential Effects on Iron Nutriture and Other Health Indicators**  
*Dr Siriporn Tuntipipat, Institute of Nutrition Mahidol University, Thailand*
- 1515 - 1540 **Health Effects of Turmeric and Other Flavonoids in Indian Herbs and Spices**  
*Dr Kamala Krishnaswamy, National Institute of Nutrition, India*
- 1540 - 1610 **Study on Polyphenols in Asian Fruits and Vegetables – Application and Potential Health Effects**  
*(TBC)*
- 1610 - 1620 Open Discussion
- 1620 - 1640 Afternoon Break / Poster and Exhibit Viewing

### CLOSING PLENARY : SCIENCE FRONTIERS – FROM RESEARCH TO CONSUMERS

- 1640 - 1705 **Consumer Trends and Effective Communication for Behavior Change – Lessons Learnt**  
*Dr Trevor Webb, Food Standards Australia New Zealand (FSANZ), Australia*
- 1705 - 1730 **Regulatory Development and Consumer Education in Asia**  
*Dr Tee E Siong, TES NutriHealth Strategic Consultancy, Malaysia*
- 1730 Synthesis and Closing Remarks

# About The Organizer

**The International Life Sciences Institute (ILSI)** is a non-profit, worldwide foundation based in Washington, DC, USA, established in 1978 to advance the understanding of scientific issues relating to nutrition, food safety, toxicology, risk assessment and the environment. ILSI accomplishes its work through Branches and the Research Foundation. Established in 1993, ILSI Southeast Asia Region facilitates and coordinates scientific programs, research and information dissemination in ASEAN, Australia, New Zealand and the Pacific Islands.

By bringing together scientists from academia, government, industry and the public sector, ILSI seeks a balanced approach to solving problems of common concern for the well-being of the general public. ILSI receives financial support from industry, governments, and foundations.

# About The Co-Organizer

Established in 1985, the **Nutrition Society of Malaysia (NSM)** is a non-profit organization that facilitates networking among its 500 professional members, organizes annual scientific conferences and scientific update sessions, and publishes a peer-reviewed scientific journal. NSM has also conducted several major child, family and women's nutrition education programs.

# Scientific And Organizing Committee

Prof Gary Williamson, UK  
Prof Barry Halliwell, Singapore  
Prof Jonathan Hodgson, Australia  
Dr Mark Messina, USA  
Dr Koh Woon Puay, Singapore  
Prof Khor Geok Lin, Malaysia  
Dr Amin Ismail, Malaysia  
Dr Tee E Siong, Malaysia

Dr Roger Bektash, Australia  
Mr Geoffrey Smith, Singapore  
Mr John Nielson, Australia  
Mrs Yeong Boon Yee, Singapore, ILSI SEA Region  
Dr Antonia Tuazon, Singapore, ILSI SEA Region  
Ms Pauline Chan, Singapore, ILSI SEA Region  
Ms Ann Selina Chang, Singapore, ILSI SEA Region

## Symposium Secretariat

Ms Amy Kok  
Ms Cecilia Ngho  
Ms Yeong Li Yui



**Early Bird  
Discount!**

Register before May  
15, 2009 and receive  
a 5% discount on the  
registration fee.

# Registration Information

Register your participation on-line through our website at [www.ilsipolyphenols2009.com](http://www.ilsipolyphenols2009.com)

Registration Fee*	Industry	Academia and Government
Local Participant	RM1,200	RM980 (RM750 for NSM members and local full time post-graduate students only)
International Participant	USD480	USD350

\* The registration fee includes participation in all scientific sessions, exhibit sessions, symposium materials, luncheon, and all refreshment breaks.

## Payment of Registration Fee

### Payment in US Dollar (US\$)

- Payment by Singapore-drawn cheque or bank draft

Cheque or bank draft should be made payable to '**ILSI Southeast Asia Region**' and sent to:

ILSI Southeast Asia Region  
9 Mohamed Sultan Road #02-01  
Singapore 238959  
Tel: 65-6352 5220 Fax: 65-6352 5536

Bank information for payment via telegraph transfer to the following account:

**ILSI Southeast Asia Region**  
**DBS Bank - Towner Road Branch**  
6 Shenton Way, DBS Building Tower 2  
Singapore 068809  
Swift Code: DBSSSGSG  
Acc. No.: 028-007348-8

Please remit the exact amount (nett of all bank charges) to the account.

### Payment in Malaysian Ringgit (RM)

Payment can be made by cheque or postal order made payable to '**TES NutriHealth Strategic Consultancy**' and sent to:

TES NutriHealth Strategic Consultancy  
46 Jalan SS22/32  
47400 Petaling Jaya,  
Selangor DE, Malaysia

Outstation cheques should include the required commissions. Government agencies may make payment through local purchase order (LPO).

### Refund Policy

Requests for refunds submitted on-line before May 15, 2009, will be honored less bank processing charges and 30% administration fees. No refunds will be given thereafter.

### Conference Venue

The Conference will be held at the **Crowne Plaza Mutiara, Kuala Lumpur, Malaysia.**

Room rates: RM290++/RM320++ for a single/double deluxe room. The rates are subject to 10% service charge and 5% government tax. Rates are inclusive of daily buffet breakfast.

[www.ilsipolyphenols2009.com](http://www.ilsipolyphenols2009.com)  
Email: [secretariat@ilsipolyphenols2009.com](mailto:secretariat@ilsipolyphenols2009.com)

**Symposium Secretariat Office**

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