

Final Announcement

Symposium on

Diet, Nutrition and Immunity

April 16–17, 2008

Holiday Inn Atrium Hotel, Singapore

www.dietimmunity2008.com

Email: secretariat@dietimmunity2008.com



International Life Sciences Institute (ILSI)
Southeast Asia Region

BACKGROUND

Immunity encompasses all mechanisms and responses used by the body to defend itself against foreign substances, microorganisms, toxins, and incompatible living cells. Every aspect of immunity and host defense is dependent upon a proper supply and balance of nutrients. On the other hand, excessive intake of some nutrients may result in diminished immune responses. Phytochemicals (carotenoids, phenolics, and other secondary metabolites) in fruits and vegetables elicit immune-enhancing cellular responses that inhibit infection, inflammation and tumor formation. Bioactive food components such as probiotic organisms, animal-source peptides and fish oils, have immunomodulatory functions. This symposium will discuss aspects of diet and nutrition that influence immune function, covering recent scientific findings and the effects of traditional Asian foods on the immune system.

ABOUT THE ORGANIZER

The International Life Sciences Institute (ILSI) is a non-profit, worldwide foundation based in Washington, DC, 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 SYMPOSIUM

This 2-day symposium will highlight recent findings on how diet and nutrients act on the immune system, resulting in resistance to infection and chronic diseases. An afternoon session will be devoted to the discussion of Asian functional foods which boost immune function and the potential role of these foods in disease prevention and treatment.

OBJECTIVES

1 To review current scientific information pertaining to the role of nutrients in the development and function of the immune system.

2 To elucidate the effects of stress, exercise and ageing on immunocompetence.

3 To discuss new findings on the role of diet and nutrition in enhancing immune function.

WHO SHOULD ATTEND

This symposium will be of interest to researchers from academia, government and industry; food and nutrition scientists; nutritionists, dietitians and other allied health professionals who wish to update their knowledge of the science of nutrition and its influence on the body's immune function.

For further information on the event please check out the website www.dietimmunity2008.com

SCIENTIFIC AND ORGANIZING COMMITTEE

Dr Chan Soh Ha, **Chair**

Dr Lee Yuan Kun

Dr Paul Nestel

Dr Andrew Sinclair

Dr Tee E Siong

Dr Rodolfo Florentino

Dr Corazon VC Barba

Dr Anadi Nitithamyong

Mrs Boon Yee Yeong

Ms Pauline Chan

Ms Breda Gavin

Dr Sofia Amarra, Symposium Coordinator

National University of Singapore, Singapore

National University of Singapore, Singapore

Baker Heart Research Institute, Australia

Deakin University, Australia

ILSI SEA Region, Malaysia

ILSI SEA Region, Philippines

A2Z Micronutrients Project, Philippines

Institute of Nutrition, Mahidol University, Thailand

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PROGRAM

DAY 1

0730 - 0845	Registration
0845 - 0900	Opening and Welcome Address
SESSION 1:	Overview of immune function, immune development and the role of nutrition
0900 - 0930	Overview of the immune system: Impact of nutritional status Dr Chan Soh Ha, Yong Loo Lin School of Medicine, National University of Singapore
0930 - 1010	Immune development during infancy: Significance of maternal nutrition and other dietary factors Dr Harsharn Gill, Department of Primary Industries, Australia
1010 - 1030	Tea Break
1030 - 1110	Recent findings in infant nutrition and immunity Dr Pedro Gutiérrez-Castrellón, National Pediatric Institute, Mexico
SESSION 2:	Micronutrients and immunity
1110 - 1150	Recent advances in the effect of micronutrient supplementation on immune response and infectious morbidity in children Dr Sunil Sazawal, Johns Hopkins Bloomberg School of Public Health
1150 - 1230	Immunomodulatory actions of Vitamin D Dr Adrian Martineau, Barts and the London School of Medicine, UK
1230 - 1400	Lunch Break & Poster Viewing
SESSION 3:	Effect of stress, ageing, and exercise on immunity: The role of diet
1400 - 1445	Age-associated immune and inflammatory dysregulation: Impact of nutrition Dr Dayong Wu, JM USDA Human Nutrition Research Center on Ageing at Tufts University
1445 - 1530	Omega-3 PUFA and the immune/inflammatory response in humans Dr Daniel Raederstorff, DSM Nutritional Products Ltd, Switzerland
1530 - 1550	Tea Break
1550 - 1620	Immunonutrition in critical illness: Recent findings Dr Pedro Gutiérrez-Castrellón, National Pediatric Institute, Mexico
1620 - 1700	The role of nutrition in regulating the immunological responses to exercises Dr David Cameron-Smith, Deakin University, Australia

Note: Presentation titles to be finalized. Please visit website for updates.

PROGRAM

DAY 2

SESSION 4:	Foods and bioactive food components that enhance immune function
0900 - 0940	Probiotics for the treatment and prevention of allergic disease Dr Mimi Tang, Department of Immunology, Royal Children's Hospital, Victoria, Australia
0940 - 1000	Specific strains of intestinal lactic acid bacteria modulate innate infant immunity Dr Lee Yuan Kun, Yong Loo Lin School of Medicine, National University of Singapore
1000 - 1040	Establishment of microbiota and influencing factors including c-section -concept of probiotics Dr Patricia Conway, University of New South Wales, Australia
1040 - 1100	Tea Break & Poster Viewing
1110 - 1140	Immune modulation effects of prebiotics in infancy Dr Johan Garssen, Numico Research, Wageningen, Netherlands
1140 - 1210	Effect of micronutrient fortification of milk on child morbidity, anemia, growth and physical activity - a community based, randomized trial Dr Sunil Sazawal, Johns Hopkins Bloomberg School of Public Health
1210 - 1400	Lunch Break & Poster Viewing
SESSION 5	Asian Studies on Diet and Immunity
1400 - 1430	Soy and immune function Dr Rina Yu, University of Ulsan, Korea
1430 - 1450	Chinese wolfberry and immune functions Dr Chan Soh Ha, Yong Loo Lin School of Medicine, National University of Singapore
1450 - 1510	White button mushroom promotes natural killer and dendritic cell functions Dr Dayong Wu, JM USDA Human Nutrition Research Center on Ageing at Tufts University
1510 - 1540	Tea Break
1540 - 1600	Study
1600 - 1620	Study
1620 - 1630	Closing Remarks

Note: Presentation titles to be finalized. Please visit website for updates.

CALL FOR POSTER ABSTRACTS

Researchers are invited to submit abstracts in line with the symposium theme for poster presentations. Submit the abstract online by **March 26, 2008**. Please visit the website www.dietimmunity2008.com or email to secretariat@dietimmunity2008.com for submission details.

Participants whose abstracts are accepted for poster presentation will be given a 10% discount off the applicable registration fees. The scientific program committee will determine the acceptability of the abstracts.

REGISTRATION INFORMATION

Industry / Private Sector	ILSI Member	Academia / Government Institution
S\$650	S\$550	S\$450

Registration fees include participation in all scientific sessions, meeting materials, luncheon on 16-17 April 2008, and all refreshment breaks

Payment in Singapore Dollars (S\$). Credit card (Visa/Mastercard) payment is available upon online registration.

Payment by cheque (local) or bank draft should be made payable to 'ILSI Southeast Asia Region' and sent to the Secretariat office:

ILSI Southeast Asia Region
9 Mohamed Sultan Road #02-01
Singapore 238959
Tel: (65) 6352 5220; Fax: (65) 6352 5536
Email: ilsisea@singnet.com.sg

Bank information for payment via telegraph transfer is as follows:

Account name: ILSI Southeast Asia Region
Bank: 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 (net of all bank charges) to the account.

Refund policy – Requests for refunds submitted online before **March 31, 2008** will be honored, less bank processing charges and 30% administration fees. No refunds will be given thereafter.

VENUE AND ACCOMMODATION

Holiday Inn Atrium Singapore
317 Outram Road
Singapore 169075
Tel: 65 - 6733 0188
Fax: 65 - 6733 0989
Website: www.holiday-inn.com

Room rates: S\$200++ /S\$220++ for single/double room. The rates are subject to 10% service charge, 7% government tax. To make room reservations, please visit the website at www.dietimmunity2008.com

Alternatively, you can email to: Mr Ivan Tan at ivan.tan@hiatrium.com

To register, visit www.dietimmunity2008.com

