

**Program of Ajinomoto Main and Luncheon Symposium**  
7<sup>th</sup> Asia Pacific Conference of Clinical Nutrition  
June 5-8, 2011, Bangkok, Thailand  
Venue: Sofitel Centara Grand Bangkok  
1695 Phaholyothin Road, Chatuchak, 10900 Bangkok, THAILAND

**<Main Symposium>**

Date: June 6, 2011

Time: 10:30-12:00

Title: "Biological and Clinical Aspects of Nonessential Amino Acids and Glutamate"

Chairs: Ruangvith Tantibhaedhyangkul, MD, Phramongkutklao Hospital, Thailand  
Kunio Torii, DVM, PhD, Ajinomoto Co., Inc., Japan

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| 10:30-10:45 | Opening Remarks<br>Ruangvith Tantibhaedhyangkul, MD, Phramongkutklao Hospital, Thailand  |
| 10:45-11:10 | Health issues relating to glutamate use in the diet<br>John D. Fernstrom, PhD, University of Pittsburgh School of Medicine, USA            |
| 11:10-11:35 | Nutritional significance of nonessential amino acids: are they essential or nonessential?<br>Ryosei Sakai, PhD, Ajinomoto Co., Inc., Japan |
| 11:35-12:00 | Inborn errors of amino acid metabolism and role of glutamate.<br>Fumio Endo, MD, Kumamoto University School of Medicine, Japan             |

**<Luncheon Symposium>**

Date: June 6, 2011

Time: 12:00-13:30

Title: "Applications of The 5<sup>th</sup> Basic Taste in Improving Patient Care and Nutritional Management"

Chair: Visith Chavasit, PhD, Institute of Nutrition, Mahidol University, Thailand  
Fumio Endo, MD, Kumamoto University School of Medicine, Japan

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| 12:00-12:20 | Physiology of the fifth basic taste<br>Nattida Chotechuang, PhD, Chulalongkorn University, Thailand                                 |
| 12:20-12:55 | Application of glutamate to improve dry mouth and taste disorder<br>Takashi Sasano, PhD, Tohoku University School of Dentist, Japan |
| 12:55-13:30 | Physiological benefits of umami taste for nutritional management<br>Kunio Torii, DVM, PhD, Ajinomoto Co., Inc., Japan               |

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