



12th Asian Congress of Nutrition May 14–18, 2015 / Yokohama, Japan - **May 17, Sunday**



Focus and Highlights of The Symposium

Time:14:50-15:35

Presidential Lecture-Membrane Lipid Peroxidation in Human Nutrition and Aging

Room: Main Hall at Conference Center

Teruo Miyazawa Tohoku University, Japan



Membrane phospholipid peroxidation represents the nutritional states and also aging. Prof. Miyazawa established the excellent methods to measure phosphatidylcholine hydroperoxide as a primary oxidation product of membrane lipids. In this lecture, various data obtained from humans, laboratory animals and culture cells will be introduced, and will discuss the co-relation with diseases including atherosclerosis, Alzheimer diseases, hepatocarcinogenesis and so on.

Time:9:00-9:45

Plenary Lecture 05-Chemistry and Safeguarding Marine Resources from Natural Contaminants

Room: Main Hall at Conference Center

Takeshi Yasumoto Japan Food Research Laboratories, Japan



Dr. Yasumoto has great experiences to determine structures of a number of large and complex marine toxin molecules. He will review the cause of ciguatera fish poisoning, diarrhetic shellfish poisoning, and red-tide fish kills. The origin of the toxins such as marine dinoflagellates will also be discussed.

Time:13:50-14:35

Educational Lecture 12- Nutrigenomics and Nutrigenetics: The New Paradigm for Optimising Health and Preventing Disease

Room: Main Hall at Conference Center

Michael Fenech CSIRO Food and Nutrition, Australia



Prof. Fenech will overview the various aspects of nutrigenetics as well as nutrigenomics science relevant to health practitioners who are seeking a better understanding of this new frontier in nutrition research and its translation into practice.

Time:13:50-14:35

Educational Lecture 12- Type 2 diabetes in Asians: Can diet make a difference?

Room: 302

Jeyakumar Henry *Clinical Nutrition Research Centre, Singapore Institute of Clinical Sciences, A*STAR*



Carbohydrate foods that increase blood glucose rapidly are called High Glycemic index foods. In this session, the speaker will highlight how carbohydrate rich foods can be manipulated to minimize glucose response in the human body. The presentation will also focus on how the Asian phenotype coupled with the consumption of high GI diets is precipitating the growing burden of diabetes and obesity.

Time:10:00-11:30

Symposium 32- How Can We Fight Against Food Allergy?

Room: 304

Chairperson: Satoshi Hachimura *(The University of Tokyo, Japan)*
Tatsuya Moriyama *(Kinki University, Japan)*

Diversity of food allergy will be overviewed in this symposium at first. Then, the novel type of soybean allergy associated with pollinosis as class 2 food allergy, the novel mechanism in the induction of oral tolerance by dendritic cells in the intestinal immune system, and the regulation of allergic responses by food and natural materials will be introduced and discussed.

Time:10:00-12:00

Symposium 34-DOHaD

Room: 502

Chairperson: Hideoki Fukuoka *(Waseda University, Japan)*
Torsten Plösch *(University Medical Center Groningen, Netherlands)*

Nutrition during pregnancy is important for the prevention of obesity and diet-related NCDs in the offspring, and it is known as DOHaD (Developmental Origins of Health and Disease). The symposium will introduce results from animal studies as well as human interventions, and will also discuss how to improve the health of individuals across their lifespans.

Time: 13:50-15:50

Symposium 38- The Future of Nutrition Care Process Implementation

Room: 501

Chairperson: Fusako Teramoto *(Kawasaki University of Medical Welfare, Japan)*

Nutrition Care Process (NCP), developed by the Academy of Nutrition and Dietetics, is a systematic approach to providing high-quality nutrition care to patients and has been adopted by dietetic associations in many countries. This symposium will highlight challenges and strategies in the implementation of NCP in each country in order to provide optimal nutrition care to patients.

Time:13:50-15:20

Symposium 40- Positive and Negative Aspect of Health Foods and Dietary Supplement

Room: 503

Chairperson: Keizo Umegaki (National Institute of Health and Nutrition, Japan)

Harunobu Amagase (American Chamber of Commerce in Japan, Japan)

This symposium will overview the current status of health foods and the health food labeling system in Japan, clarify the advantages and disadvantages of current health food claims, and introduce countermeasures to prevent problems related to health foods. The dietary supplement labeling rule in the United States and health functional food regulation in Korea will also be introduced and discussed.

Time:16:00-17:00

Closing Ceremony

Venue: National Convention Hall of Pacifico Yokohama

Closing ceremony includes the ceremony of YIA and ICN2021 Preparation Committee Award for Poster Presentation . Award winners should be present at the closing ceremony, but if not, please contact the secretariat. The ceremony also include introduction of ACN2019 (Bali), ICN2017 (Buenos Aires), and ICN2021 (Tokyo).



Award Winners

Winners of ACN2015 Young Investigator Award

Misora Ao (Japan)

Szu-Hua Chen (Taiwan)

YitSiew Chin (Malaysia)

Zaynah T. Chowdhury (USA)

Hidehiro Furumoto (Japan)

Yukino Hatazawa (Japan)

Chika Horikawa (Japan)

Yoshimi Kishimoto (Japan)

Phuong Le Vu (Japan)

Jacus S. Nacis (Philippines)

Miho Ota (Japan)

Glenn G. Oyong (Philippines)

Eri Saito (Japan)

Takashi Sasaki (Japan)

Tomoki Sato (Japan)

Yuko Terada (Japan)

Yasutake Tomata (Japan)

Peipei Zhang (Japan)