



12th Asian Congress of Nutrition

May 14–18, 2015 / Yokohama, Japan
- **May 16, Saturday**



Focus and Highlights of The Symposium

Time: 9:00-9:45

Plenary Lecture 04-Multi-Stakeholders and Multi-Strategic Approaches for Food and Nutrition Security

Room: Main Hall at Conference Center

Kraisid Tontisirin Mahidol University, Thailand



The ICN2 Declaration and Framework for Action is being submitted to the UN General assembly for endorsement in September 2015 along with the declaring a Decade of Action on Nutrition from 2016-2025. In this session, the speaker will describe the importance of multi-stakeholders and multi-strategic approaches for food and nutrition security for the global community.

Time: 13:50-14:35

Educational Lecture 10-The Early Life Origins of Non-Communicable Diseases: An Overview of Recent Advances

Room: Main Hall at Conference Center

Graham C Burdge University of Southampton, UK



In this session, the speaker will describe interrelated NCDs that are driven by obesity, primarily cardiovascular diseases and type 2 diabetes, cardio-metabolic disease (CMD) and will review recent developments in research on the early life origins of CMD. The main topics will include evidence from epidemiological studies, the findings of studies of animal models, the passage of induced traits between generations, recent insights into underlying mechanisms, and the potential for translation of these findings for health benefit.

Time: 16:10-16:55

Educational Lecture 11-There is an Obesity Metabolic Program in Muscle

Room: 501

G. Lynis Dohm East Carolina University, USA



What makes some people prone to become obese while others seem resistant? In this session, the speaker will answer this question by presenting the following three points. 1) There is an "obesity metabolic program" in skeletal muscle; 2) The obesity metabolic program in muscle is probably genetically or epigenetically imprinted; 3) The obesity metabolic program can be altered by exercise and gastric bypass surgery.

Time:10:00-11:30

Symposium 13- Health Disparities and Nutrition

Room: Main Hall at Conference Center

**Chairperson: Nobuko Murayama (University of Niigata Prefecture, Japan)
Adam Drewnowski (University of Washington, USA)**

Health disparities due to socioeconomic disparities has been monitored around the world, and such disparities can be linked to poor nutrition and elevated risks of NCDs. The symposium will highlight current situations and action plans in four different countries (USA, Malaysia, Korea and Japan) to narrow the gap in health and nutrition among different population groups.

Time:10:00-12:00

Symposium 19- Chrono-nutrition

Room: 503

**Chairperson: Hiroaki Oda (Nagoya University, Japan)
Zhengwei Fu (Zhejiang University of Technology, China)**

Disruption of circadian rhythms predisposes animals to metabolic diseases. In this symposium, adjusting of circadian rhythms by natural food compounds, amelioration of obesity by restricted food intake, and the regulation of liver clock and lipid metabolism by regular eating-timing will be discussed.

Time:13:50-15:20

Symposium 21- Health Economics of Nutrition Interventions in Asia: Cost of Malnutrition

Room: 304

**Chairperson: Nobuo Yoshiike (Aomori University of Health and Welfare, Japan)
Kaori Mizumoto (Fukuoka Women's University, Japan)**

The double burden of malnutrition and NCDs have been major issues in many Asian countries. The cost of malnutrition to the global economy due to lost productivity as well as direct health care costs is unacceptably high. This symposium will highlight the role of health economics to improve nutritional status, and will also review the efficiency and effectiveness of economic evaluation of nutrition projects/programs.

Time:16:10-17:40

Symposium 25- Regulation of Cholesterol Metabolism

Room: Main Hall at Conference Center

**Chairperson: Ryuichiro Sato (The University of Tokyo, Japan)
Satoshi Nagaoka (Gifu University, Japan)**

A novel regulatory mechanisms in cholesterol synthesis at 7- and 24-dehydrocholesterol reductase and squalene monooxygenase, physiological significance of oxidized cholesterols, novel cholesterol lowering peptides from milk and soybean, and the function of cholesterol metabolite, bile acids as agonists of FXR (farnesoid x receptor) as well as bile acid receptor, TGR5 will be introduced and discussed in this symposium.

Time:19:30-22:00

Congress Dinner

Venue: Yokohama Bay Hotel Tokyu

(A few minutes walking distance from congress site)

Dress code: Smart Casual

Participants and accompanying persons can purchase tickets. Please note that seat availability of the Congress Dinner is limited and the tickets are sold on a first-come-first-served basis. Enjoy your dinner with passionate performance of Japanese traditional drum.

