Program

March 11
Room A

8:30-9:00

Opening Ceremony

Master of Ceremony: Yoji Takagi (Osaka, Japan)
Opening Remarks: Akira Okada (Osaka, Japan)
Greetings: Mark L. Wahlqvist (Melbourne, Australia)
Keynote address: Hans Van Ginkel (Tokyo, Japan)

9:00-9:50

Plenary Lecture 1 “Nutrition and the HIV dilemma”

Moderator: Tadao Bamba (Shiga, Japan)
Speaker: Noel Solomons (Guatemala City, Guatemala)

10:00-12:00

Symposium 1 “Cancer prevention in northeast Asia”

Moderators: Kazuo Kondo (Tokyo, Japan)
Sook He Kim (Seoul, Korea)
Speakers: (15 minutes)
1. Cancer Prevention in North East Asia: Breast Cancer Prevention by Soy Isoflavones
Shaw Watanabe (Tokyo, Japan)
2. Anti-Cancer Activity and Functional Food Factors: To Stop Endless Proliferation and
Spreading of Cancer Cells
Kazumi Yagasaki (Tokyo, Japan)
3. Studies on the Relationship between Changes in Dietary Patterns and Health Status
Zhao Faji (Shanghai, China)
4. Prevention of Cancer: Focused on Nutrients and Dietary Consumption of Korean and
Western Industrialized Country to Compare the Cancer Incident Rates
Sook He Kim (Seoul, Korea)

12:00-13:00

Luncheon Seminar (Please see page S4)

13:30-14:20

Plenary Lecture 2 “Nutrition and aging”

Moderator: Hiroko Sho (Okinawa, Japan)
Speaker: Yukio Yamori (Kyoto, Japan)

14:20-15:20

Invited Lecture 1 “The role of the dietitian in nutrition support”

Moderator: Shohei Ogoshi (Kochi, Japan)
Speaker: Maureen MacBurney (Boston, U. S. A.)
Symposium 2 “Nutrition in growth and development”

Moderators: Osman M. Galal (Los Angeles, U. S. A.)
Yuichiro Yamashiro (Tokyo, Japan)

Speakers: (15 minutes)
1. Overview
   Nevin S. Sorimshaw (Boston, U. S. A.)
2. Essential Fatty Acids in Early Life
   Ricardo Uauy-Dagach (Santiago, Chile)
3. Carotenoid-rich Edible Oil - Its Potential Nutritional Impact
   Koh Chu-Sing (Selangor, Malaysia)
4. The Expression of 25-hydroxyvitamin D-1 - Hydroxylase and Megalin in Murine Embryonic Kidney
   Keichi Ozono (Osaka, Japan)
5. Clinical Studies and Animal Experiment on Vitamin B1 Deficiency
   Naotaka Hashizume (Tokyo, Japan)

March 11
Room B

10:00-11:00

Oral Presentation (FO1-5) “Antioxidant”
Moderator: Toshikazu Yoshikawa (Kyoto, Japan)

FO1 Effect of a Nutritional Approach with K-17.22 on Endogenous Hepatic Antioxidant System
   F. Marotta (Milano, Italy)

FO2 Relationship between Antioxidative Enzymes Activity with Wound Healing and Effects of Palm Oil Vitamin E Supplementation During Aging
   N.B. Abd. Hanim (Kuala Lumpur, Malaysia)

FO3 The Effect of Different Dosages of Palm Vitamin E in Enhancing Wound Healing in Diabetic Rats
   M.Y. Nizana (Kuala Lumpur, Malaysia)

FO4 Haemorrhage Abnormalities in Chronic Liver Disease: Evidence of a Free Radicals Role and Improvement by an Oral Antioxidant
   F. Marotta (Milano, Italy)

FO5 Spermine Alleviates Hydrogen Peroxide Induced Oxidative Damage in IEC-6 Cells
   H. Shoji (Tokyo, Japan)

11:00-12:00

Oral Presentation (FO6-10) “Vitamins”
Moderator: Naotaka Hashizume (Tokyo, Japan)

FO6 Cyanocobalamin Absorption Failure in Alcoholic Liver Disease can be Prevented by a Novel Fermented Papaya Preparation
   F. Marotta (Milano, Italy)

FO7 Serum Antioxidative Vitamin Level on Patients with Chronic Obstructive Pulmonary Disease (COPD)
   A. Fukuoaka (Nara, Japan)

FO8 Vitamin B, Nutritional Status in Middle Age Men and Women Lived in Japan and China
   M. Kimura (Kyoto, Japan)

FO9 Thiamine Deficiency in the Critically Ill Patient under Peripheral Parenteral Nutrition
   T. Nakamura (Tokyo, Japan)

FO10 The Effect of Folic Acid on Development of Stomach and Other Gastrointestinal Cancers
   S. Zhu (Shanghai, China)
12:00-13:00
Luncheon Seminar (Please see page S4)

15:20-16:32
Oral Presentation (FO11-16) “Protein-Energy Malnutrition”
Moderator: Tokuzo Harada (Osaka, Japan)
FO11 Cause of Anorexia during Viral Infection is Different from during Bacterial Infection in Rats
T. Seto (Niigata, Japan)
FO12 Nutrition Management Record and Problem Oriented System
S. Nagahama (Kanagawa, Japan)
FO13 Dual Forms of Malnutrition: Why it Happens in the Same Household?
J. Februhatanty (Jakarta, Indonesia)
FO14 Tempe Powder Improves Nutritional Status of Malnourished Children in Indonesia
V. Hadju (Makassar, Indonesia)
FO15 Effect of Hypoalbuminemia on the Treatment Outcome of Pakistani Children with Acute
Lymphoblastic Leukemia
A.U. Dadri (Lahore, Pakistan)
FO16 Supplementary Feeding Program for Underweight Children under Five Years at Tebet Health Center, South Jakarta
R. Kusumaratna (Jakarta, Indonesia)

16:32-17:20
Oral Presentation (FO17-20) “Fat”
Moderator: Yotchi Sakurai (Aichi, Japan)
FO17 Effects of Medium-chain Triglyceride in Parenteral Nutrition on Rats Undergoing Gastrectomy
Ming-Tsan Lin (Taipei, Taiwan)
FO18 Dietary Medium-chain Triglyceride Suppress Accumulation of Body Fat Compared
In a Double-blind Controlled Trial
H. Tsuji (Kanagawa, Japan)
FO19 Effects of Fish Oil Concentrate on the Circulating Interleukin-6 in Thai Rheumatoid Arthritis on Low
n-6 Fatty Acid Diet
T. Surdjarun (Bangkok, Thailand)
FO20 Effects of Long-term High-monounsaturated-fat Diet on Glucose and Fat Metabolism in Patients under
Total Enteral Nutrition through Percutaneous Endoscopic Gastrostomy
Y. Sakurai (Aichi, Japan)
March 12
Room A

9:00-12:00
Symposium 3 “Nutrition and cardiovascular disease in Asia Pacific region”

Moderators: Mark L. Wahlqvist (Melbourne, Australia)
            Yukio Yamori (Kyoto, Japan)

Speakers: (20 minutes)
1. The Asia Pacific Clinical Nutrition Society Okinawan Recommendation on Nutrition and
   Cardiovascular Disease in the Asia Pacific Region
   Mark L. Wahlqvist (Melbourne, Australia)
2. Epidemiology of Cardiovascular Mortality and Risk Factors in the Asia Pacific Region
   Geok Lin Khor (Serdang, Malaysia)
3. Nutrition and Cardiovascular Disease in the Asia Pacific Region: Obesity
   David Sullivan (Camperdown, Australia)
4. Integrated Prevention and Control of Diabetes Mellitus in Malaysia
   Osman Ali (Kuala Lumpur, Malaysia)
5. Public Health Nutrition Strategies for the Prevention of Hypertension
   Anthony Worsley (Adelaide, Australia)
6. Antioxidants and Atherosclerosis
   Kazuo Kondo (Tokyo, Japan)

12:00-13:00
Luncheon Seminar (Please see page S4)

14:30-15:00
Memorial Oration “Professor Vichai Tanphaichitr and his works”

Moderator: Akira Okada (Osaka, Japan)
Speaker: Prasong Tienboon (Chiang Mai, Thailand)

15:00-16:00
Invited Lecture 2 “Clinical nutrition in 21st century”

Moderator: Yuichiro Goto (Tokyo, Japan)
Speaker: Peter Fürst (Bonn, Germany)

16:00-16:50
Plenary Lecture 3 “Opportunities in clinical nutrition in the Asia Pacific region”

Moderator: Widjaja Lukito (Jakarta, Indonesia)
Speaker: Mark L. Wahlqvist (Melbourne, Australia)

16:50-17:40
Plenary Lecture 4 “Prevention of coronary heart disease: Mediterranean diet?”

Moderator: Yoshiya Hata (Tokyo, Japan)
Speaker: David M. Colquhoun (Brisbane, Australia)

17:40-18:10
Business Meeting
March 12
Room B
Seminar for Dietitians—"Nutrition Support"
Organizer: Teiji Nakamura (Kanagawa, Japan)

9:30-11:30
Session I

Moderator: Teiji Nakamura (Kanagawa, Japan)

1. Nutrition support team in Korea
   Young-Hae Kim (Seoul, Korea)

2. Group dietary counseling as a method to achieve good diabetes control
   Rozite Abdul Talib (Kuala Lumpur, Malaysia)

13:30-15:30
Session II

Moderator: Kazuyuki Suzuki (Iwate, Japan)

3. Topics of energy and/or protein metabolism
   Shigeru Yamamoto (Tokushima, Japan)

4. Nutritional management in digestive diseases
   Yoshiyuki Miwa (Gifu, Japan)

15:30-17:30
Session III

Moderator: Sachiko Suita (Fukuoka, Japan)

5. Nutritional management in obesity and diabetes mellitus
   Shinuya Yamashita (Osaka, Japan)

6. Nutritional support and care of surgical patients
   Masaharu Hasebe (Tokyo, Japan)
March 12

Room C

9:00-9:36

Poster Presentation (FP1-6) “Protein-Energy Malnutrition”
Moderator: Masaya Sasaki (Shiga, Japan)
FP1 Nutritional Status of Foreign Workers and Local Workers in Malaysia
N.M. Moktar (Kuala Lumpur, Malaysia)
FP2 Cancellation
FP3 Depression in Maltreated Children with Cancer
K. Intekhab (Lahore, Pakistan)
FP4 Protein Malnutrition is a Negative Prognostic Factor in Pakistani Children with Acute Lymphoblastic Leukemia
A.U. Qadri (Lahore, Pakistan)
FP5 Effect of Malnutrition on Treatment Outcome in Children with Acute Lymphoblastic Leukemia
A.U. Qadri (Lahore, Pakistan)
FP6 Cancellation

9:36-10:24

Poster Presentation (FP7-14) “Diabetes” etc.
Moderator: Myung Duk Lee (Seoul, Korea)
FP7 The Postprandial Blood Glucose Level in Japanese Diets and Western Diets
T. Nakamura (Kanagawa, Japan)
FP8 The Glycemic Index for Processed Foods and Mixed Meals Using Rice as the Standard Food
Y. Wakisak (Kumamoto, Japan)
FP9 Correlates of Hypertension and Android Obesity among Filipino Adults
C.A. Duarte (Manila, The Philippines)
FP10 Habitual Tea or Coffee Intake and Blood Pressure: An Epidemiological Study in Japanese General Population
A. Hino (Fukuoka, Japan)
FP11 Calculation of the Minimum Requirement of Sodium for Japanese Adults
T. Shimada (Osaka, Japan)
FP12 Current Status of Universal Salt Iodization Programme in India
U. Kapil (New Delhi, India)
FP13 Experimental Study of the Sodium Metabolism in Japanese Females - the Urinary Sodium and Aldosterone
M. Yanagi (Osaka, Japan)
FP14 Trends in Nutritional Intake and Serum Cholesterol Levels over 40 Years in Tanushimaru, Japan
H. Adachi (Fukuoka, Japan)

10:24-11:12

Poster Presentation (FP15-22) “Nutrition Support”
Moderator: Yoshinori Hamada (Osaka, Japan)
FP15 Medical Economic Effects of NST Using “Poduck Party Method”
T. Higashiguchi (Mie, Japan)
FP16 Usefulness of Anti-Stry Stilet for Central Vein Catheterization by the Subclavian Vein Approach
H. Takeyama (Aichi, Japan)
FP17 Nutritional Support of Patients Suffering from Ileus in Early Post-Operative Period
V.N. Chernov (Rostov-on-Don, Russia)
FP18 Catheter and Nutritional Management for the Patient with Dystrophic Epidermolysis Bullosa: A Case Report
M. Yagi (Osaka, Japan)
FP19 A Case of Glomerulonephritis Complicated with Catheter-Related Sepsis in a Long-Term HPN Patient
Y. Shimizu (Osaka, Japan)
FP20 Metabolic Acidosis Induced by Commercially Available Single Bag TPN Solution in Elderly Patients
K. Okamura (Kumamoto, Japan)
FP21 Preliminary Study on Chromium Concentration in Human Plasma
S. Nishida (Shiga, Japan)
FP22 Amount of Trace Mineral Contents in Hospital Diet
Y. Kewashima (Seitama, Japan)

11:12-11:48

**Poster Presentation (FP23-28) “Intestine”**
Moderator: Makoto Usami (Hyogo, Japan)

FP23 Reciprocal Induction of Dipeptide and Glucose Co-transporters after Small Bowel Transplantation
K. Nakai (Osaka, Japan)

FP24 Interferon-γ Augments Uptake and Transport of Dietary Antigen by Human Intestinal Cells
H. Minami (Kumamoto, Japan)

FP25 The Effects of Pectin, a Soluble Fiber, on the Small Intestine Proliferation, Fecal Short Chain Fatty Acids Production and Microbial Population
T. Fukunaga (Shiga, Japan)

FP26 Effect of γ-Linolenic Acid (GLA) or Sodium Butyrate (NaBT) on Tight Junction Permeability, Proliferation and Apoptosis in Intestinal Monolayer Cells
A. Ohata (Hyogo, Japan)

FP27 Distribution and Localization of Mammalian Water Channel Aquaporins in Digestive Organs
Y. Koyama (Niigata, Japan)

FP28 The Possibilities of Enteral Nutritional Support in Intestinal Failure - in the Rat Model of Acute Pancreatitis
H. Nomura (Osaka, Japan)

13:30-14:24

**Poster Presentation (FP29-37) “Miscellaneous”**
Moderator: Renato Reyes (Manila, The Philippines)

FP29 Antioxidant Effect of Lycopene on some Enzyme Activities in CNS Tissues of Motoneuron Degeneration Mouse during Postnatal Development
N. Yoshimoto (Aichi, Japan)

FP30 Comparison of HemoCue Method with Cyanmethemoglobin Method for Estimation of Hemoglobin
P. Pietal (New Delhi, India)

FP31 Dose Response Effect of Palm Vitamin E on Gastric Parameters in Rats
K. Jaarin (Kuala Lumpur, Malaysia)

FP32 Eating Behavior may Depend on Single-nucleotide Polymorphisms of β3-Adrenergic Receptor Gene and Mitochondrial NADH Dehydrogenase-2 Gene
Y. Shidcji (Nagasaki, Japan)

FP33 Arachidonic Acid Deficiency in Mononuclear Cells and its Clinical Significance in HCV Cirrhotic Patients
T. Sasagawa (Okayama, Japan)

FP34 Effects of Late Evening Snacks with Branched Chain Amino Acids Supplementation on Substrate Oxidation and Quality of Life in Patients with Liver Cirrhosis
Y. Tamasawa (Iwate, Japan)

FP35 L-Asparaginase Inhibits a Signaling in Leukemic Cells
Y. Itoh (Hyogo, Japan)

FP36 Palm Vitamin E Protects Bone against Dexamethasone-Induced Osteoporosis in Male Rats
J.N. Soelatman (Kuala Lumpur, Malaysia)

FP37 Impact of Simultaneously Infused Fat Emulsion during Postoperative Peripheral Parenteral Nutrition and the Application to Elderly Patients
S. Ha (Osaka, Japan)
March 13
Room A

9:00-9:50
Plenary Lecture 5 “Nutrition science and policy”

Moderator: Norimasa Hosoya (Tokyo, Japan)
Speaker: Shuhei Kobayashi (Chiba, Japan)

10:00-12:00
Panel Discussion “Cost benefit of nutrition support”

Moderators: Zhu Ming Jiang (Beijing, China)
Katsuhiro Hatakeyama (Niigata, Japan)
Speakers: (10 minutes)
   J E Bines (Melbourne, Australia)
2. Cost Benefit of Nutrition Support
   Renato M. Reyes (Manila, The Philippines)
   Seohartati Satun (Jakarta, Indonesia)
   Prasong Tienboon (Chiang Mai, Thailand)
5. Cost-effective Benefits of Nutrition Support Team at University Hospital in Japan
   Kinya Sando (Osaka, Japan)

12:00-13:00
Luncheon Seminar (Please see page S4)

13:30-14:00
Presidential Address “Surgical nutrition—where should we go?”

Moderator: Takehiko Tanaka (Osaka, Japan)
Speaker: Akira Okada (Osaka, Japan)

14:00-16:00
Symposium 4 “Nutritional treatment of intestinal failure”

Moderators: Wei Jao Chen (Taipei, Taiwan)
Hitoshi Asakura (Niigata, Japan)
Speakers: (10 minutes)
1. Therapeutic Efficacy of Sliding-Scale Based Cyclic Home Elemental Enteral Alimentation in
   Patients with Crohn's Disease: Its Beneficial and Adverse Effects
   Kei Matsueda (Chiba, Japan)
2. Controlled Trial of Low Fat Versus High Fat Diet in Treatment of Crohn’s Disease
   Yoshihiro Fukuda (Nishinomiya, Japan)
3. Glutamine Prevents Intestinal Ischemia-Reperfusion Injury - in vivo and in vitro Study
   Masa'umi Wasa (Osaka, Japan)
4. Nutritional Management of Intestinal Failure in Children in Developing Countries
   T. M. Ramanujam (Kuala Lumpur, Malaysia)
5. Bowel Lengthening Procedure Combined with Growth Hormone and Glutamine for Short Bowel Patients
   Myung Duk Loo (Seoul, Korea)
6. Nutritional Treatment of Intestinal Failure: Clinical Outcome in Children  
Sachiyo Suta (Fukuoka, Japan)

16:00-16:10  
Closing Ceremony: Akira Okada (Osaka, Japan)

---

**March 13**  
Room B

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00-11:12</td>
<td><strong>Oral Presentation (FO21-26) “Intestine”</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Moderator: Takashi Shimoyama (Hyogo, Japan)</strong></td>
</tr>
</tbody>
</table>
|            | FO21 Arginine Prevents Renal Tubulointerstitial from Fibrosis after Massive Small Bowel Resection  
T. Hasegawa (Osaka, Japan) |
|            | FO22 Benefit of Nucleosides and Nucleotide Mixture in Fetal Small Bowel Transplantation  
K. Ogita (Fukuoka, Japan) |
|            | FO23 Living-related Small Bowel Transplantation for a Patient with Intestinal Failure Associated with  
TPN-related Liver Dysfunction  
T. Hasegawa (Osaka, Japan) |
|            | FO24 Gastro-esophageal reflux and Cow's Milk Intolerance in Infants and Children: A Prospective Clinical,  
Physiological, and Histological Study  
S. Ida (Osaka, Japan) |
|            | FO25 Effects of Bifidobacterium Breve (B Breve) Administration on the Intestinal Flora in Low Birth Weight  
Infants  
Y. Li (Tokyo, Japan) |
|            | FO26 Glicentin Inhibits Internalization of Enteric Bacteria by Cultured INT-407 Enterocytes  
M. Chiba (Kanagawa, Japan) |
| 11:12-12:00| **Oral Presentation (FO27-30) “Clinical Problems-I”**                                   |
|            | **Moderator: Hisatake Moriwaki (Gifu, Japan)**                                           |
|            | FO27 Cancelled                                                                            |
|            | FO28 Comparison of Glycemic Index between Japanese NIDDM and the Non-diabetic Subjects  
A.C. Tang (Tokyo, Japan) |
|            | FO29 Diet and Lifestyle Intervention in Bone Accumulation of School Children to Prevent Osteoporosis  
5-Year Follow-up Study in a Small Village  
T. Hori (Osaka, Japan) |
|            | FO30 Nutrition and Isolation Stress in Stroke-Prone Spontaneously Hypertensive Rats        
R. Horie (Shimane, Japan) |
| 14:00-15:12| **Oral Presentation (FO31-36) “Clinical Problems-II”**                                  |
|            | **Moderator: Masuhiro Soda (Hyogo, Japan)**                                               |
|            | FO31 Renal Ketogenesis during Hepatic Inflow Occlusion with Ringer's Acetate Infusion in Rabbits and Dogs  
I. Kaneko (Tokyo, Japan) |
|            | FO32 A New Route for Enteral Nutrition with a Percutaneous Trans-Esophageal Gastric-tube  
H. Oishi (Tokyo, Japan) |
|            | FO33 Influence of Surgical Stress and Nutritional Support on Serum Leptin Concentration in Patients with Gastric Cancer  
M. Nishi (Tokushima, Japan) |
|            | FO34 Effects of Nocturnal Branched-Chain Amino Acid on Protein Metabolism in Patients with Liver Cirrhosis  
H. Fukushima (Gifu, Japan) |
|            | FO35 Effect of Living-Related Liver Transplantation on Nutritional Status in Patients with Biliary Atresia  
T. Yamancouchi (Fukuoka, Japan) |
|            | FO36 A Nutritional Approach with K-17.22 Delays the Onset of Genetic Chronic Pancreatitis (CP)  
F. Marotta (Milano, Italy) |