

# 4th International Academy on Nutrition and Age Related Diseases: IAGG Pre-Conference, Paris, July 5th, 2009

*Chairmen : W.C. Chumlea, (USA), X. Hebuterne (France), P.Garry (USA),  
J. Morley (USA), B.Vellas (France)*

10.00-11.30 am	<b>Nutrition and Cognitive Decline</b> : Chair : L.J. Fitten (USA), R. Maia Guimaraes (Brasil), X. Hebuterne (France)
10.00 -10.20 am	Nutrition and Longevity. What We Have Learned from the New-Mexico Aging Process Study, P. Garry (USA)
10.20 -10.40 am	Nutrition and Brain Age Related Disease. What We Have Learned from Epidemiological Studies, P. Barberger-Gateau (France)
10.40 -11.00 am	The MAPT Study : Multidomain Alzheimer's Preventive Trials, S. Gillette, S. Andrieu, B. Vellas (France)
11.00-11.15 am	Homotaurine for the Protection of Memory Function in Healthy Aging, F. Wassef, D. Saumier, D. Haine, D. Garceau, J. Sampalis (Canada)
11.15-11.30 am	Omega-3 Polyunsaturated Fatty Acids, ApoE4 Allele Status, and Cognitive Functioning in Community-Dwelling Older Adults, V. Danthiir, T. Nettelbeck, C. Wilson, N. Burns, G. Wittert (Australia)
11.30-12.00 am	<b>Coffee break</b>
	<b>Chair: C. Sieber (Germany), L .Guitierrez (Mexico)</b>
12.00-12.20 am	Nutrition and Sucessfull Aging, H. Payette (Canada)
12.20-12.40 am	Nutrition and Sarcopenia, W.C. Chumlea (USA)
12.40-1.00 pm	Effects of Food Groups and Dietary Nutrients on Bone Loss in Elderly Chinese Population, R. Chan, J. Woo, J. Leung (Hong Kong)
1.00-2.00 pm	<b>Lunch</b>
2.00-2.15 pm	Strontium Ralenate Reduces Vertebral Fractures in Frail Osteoporotic Women, Y. Rolland, G. Abellan Van Kan, B. Vellas (France)
2.15-2.30 pm	The Relationship Between Adiposity and Prevalence of Chronic Diseases in Older People in England, V. Hirani (United-Kingdom)
	<b>Chair: W.C. Chumlea (USA)</b>
2.30-2.45 pm:	Malnutrition in Nursing Home: A Consequence of Age Related Disease? J. Bauer (Germany)
2.45-3.00 pm:	Cachexia and Age Related Disease ? W. Evans (USA)
3.00-3.15 pm:	Nutrition and Age Related Frailty, T. Harris (USA)
3.15-3.30 pm:	Six Months of Exercise and Isoflavones: Effects on Risk Factors of Cardiovascular Diseases in Postmenopausal Women, S. Choquette, M. Aubertin-Leheudre, I.J. Dionne (Canada)
3.30-3.45 pm	Obesity in Nursing Homes: Prevalence, Distribution, and Relation to Multimorbidity, V. Garms-Homolová, G. Apelt (Germany)
3.45-4.00 pm	<b>Coffee Break</b>

### Chair : J. Morley (USA)

4.00-4.15 pm	Is Weight Loss and Undernutrition an Age Related Disease ? <i>L.C.P.G.M. De Groot (The Netherlands)</i>
4.15-4.30 pm	The Impact of Intense Nutritional Intervention on Health and Nutritional Status and Mortality after Acute Hospitalization, <i>I. Feldblum, L. German, H. Castel, I. Harman-Boehm, D.R. Shahar (Israel)</i>
4.30-4.45 pm	Behavioral Weight Loss Interventions in Obese Older Adults: A Meta-Analysis, <i>L. Barre, A. King, J. Cyrus, R. Larson (USA)</i>
4.45-5.00 pm	Education Attenuates the Association between Dietary Patterns and Cognitive Function among Middle Aged Adults: The Whitehall II Study, <i>T.N. Akbaraly, A. Singh-Manoux, M.G. Marmot, E.J. Brunner (France)</i>
5.00 pm	<b>Conclusion:</b> <i>P. Garry (USA), W.C. Chumlea (USA)</i>

## POSTER

### BODY COMPOSITION FRAILITY OSTEOPOROSIS OBESITY

- Abdominal Adiposity, Grip Strength and Mortality in 3978 Chinese Older Adults: A 6 Years Follow-Up Study with DXA, *J. Lee, T.W. Auyeung, T. Kwok, M. Li, J. Leung, P.C. Leung, J. Woo (Hong Kong)*
- Biomarkers of Aging Study: '2008 KLoSA Biomarker Pilot in South Korea- Study Design, *H. Chun, J. Sung, S. Min Park, B. Cho, Y.-S. Hwang, J. Chang, B.-G. Han, S.-I. Cho (Korea)*
- Energy Requirement in Acute Hospitalized Elderly People: Results of a Double Labelled Water Study, *M. Bonnefoy, B. Delaigue, S. Normand, J. Drai, S. Richard, S. Maillot, M. Jauffret, M. Laville (France)*
- Validation of Field Methods for Estimating Fat Mass (FM), Fat-Free Mass (FFM), and Skeletal Muscle (SM) against DEXA in Participants of the INTERACTIVE Trial - Nutrition and Exercise for Recovery from Femoral Neck Fracture, *M. Miller, N. Overbeeke, I. Cameron, S. Kurrle, C. Whitehead, S. Mackintosh, M. Crotty (Australia)*
- Body Size and Composition: How Do Elite Older Australians Participating in the Australian Longitudinal Study of Ageing Compare with Older Adults from around the World? *M. Miller, L. Cobiac, M. Luszcz (Australia)*
- The complexity of Treating Malnutrition in Ambulatory Rehabilitation: Is It Cachexia, Sarcopenia, Wasting or a Combination of All? *A. Yaxley, M. Miller, M. Crotty, R. Fraser, L. Cobiac (Australia)*
- Correlation between Muscle Mass and Handgrip Strength: Results from 2008 KLoSA (Korean Longitudinal Study of Aging) Biomarker Pilot, *H. Chun, S.-N. Jang, J. Sung, S. Min Park, B. Cho, K. Boo, S.-I. Cho (Korea)*
- Low Relative Skeletal Muscle Mass is Independently Associated with Insulin Resistance in Patients with Type 2 Diabetes, *S.W. Park, M.J. Kim, Y.J. Choi, S.H. Choi, D.J. Kim, C.S. Kim, S.-H. Jee, E.-J. Lee, K.B. Huh (Korea)*
- Nutrition and Knee Osteoarthritis in Postmenopausal Women, *V.V. Povoroznjuk, N.V. Grygoryeva (Ukraine)*
- Particularities of Nutrition and Bone Tissue Functionele State in Postmenopausal Women, *V. Povoroznjuk, N. Grygoryeva (Ukraine)*
- Frailty in Older People - Its Relationship with Activity Limitation and Participation Restriction, *I.D. Cameron, N. Fairhall, C. Aggar, C. Sherrington, K. Lockwood, S. Lord, C. Langron, N. Monaghan, S.E. Kurrle (Australia)*
- The Nutritional Factors of Risk of Osteoporosis in Elderly People Suffering from Cardiovascular System, *A. Skop-Lewandowska (Poland)*
- Age- and Caste-Dependent Signatures of DNA Repair Gene Expression and Mitochondrial Maintenance in Honeybee Muscle, *M. Aamodt Randi (Norway)*
- Comparison of Nutritional Status and Energy Balance between Obese and Non-Obese Elderly Women, *V.M. Miyamoto, C.M. Melo, A.M.P. Freitas, P. Ferreira de Souza, L. Melchiori Lotti, T.J.O. Marques, S.M.L. Ribeiro (Brazil)*
- Obesity in Older Adults and Its Associations with Chronic Diseases in South Korea: Comparisons of BMI, WC, and Fat Mass, *H. Chun, E. Park, S.N. Jang, K.Y. Son, B. Cho, K. Boo, J.W. Kim, S.I Cho (Korea)*
- Oxidant/Antioxidant Status in Obese Older Adults, *H. Merzouk, N. Karaouzene, S. Merzouk, M. Narce (Algeria, France)*

- Gender Specific Effect of Metabolic Syndrome on Clinical Laboratory Parameters in Unstable Angina Patients, *N. Bregvadze-Tabagari, T. Talakvadze, S. Tabagari, T. Gamezardashvili (Georgia)*
- Nutritional Habits and Obesity among Older Persons Living in a Mountain Village in Poland - Preliminary Results, *K. Szczerbicka, B. Piórecka, E. Galica (Poland)*
- Water Intake in Elderly Patients on a Geriatric Ward, *D. Alsheikh Ali, M. Yeung, E. Ekpo (United-Kingdom)*
- Biological Determinants of Osteoporosis and Fracture History in Ambulatory Patients Hospitalized for Intercurrent Diseases in an Acute Geriatrics Department, *R. Oprisiu-Fournier, C. Smarandache, C. Ursu, I. El Esper, M. Brazier, P. Fardellone, J.M. Serot, A. Fournier (France)*
- MNA and Frailty Syndrome in Free-Living Elderly, *K. Vidal, Y. Rolland, J. Moulin, M. Enslin, A. Besson, Y.S. Blum, B. Vellas (Switzerland, France)*

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## NUTRITION COGNITIVE DECLINE DEMENTIA

- Omega-3 Fatty Acid Supplementation Does Not Affect Brain Glucose Uptake in the Healthy Aging: A PET Study, *F. Pifferi, E. Croteau, M. Fortier, C. Langevin, E. Turcotte, S. Cunnane (Canada)*
- Central Role of Nutritional Variables in a Network of Risk Factors Associated with Cognitive Decline and Dementia, *F. Licastro, E. Porcellini, M. Chiappelli, P. Forti, M. Buscema, G. Ravaglia, E. Grossi (Italy)*
- Pet Imaging of Brain Fuel Uptake: Implications for Understanding the Link between Cognition and Brain Metabolism in the Elderly, *S.C. Cunnane, F. Pifferi, M. Plourde, S. Tremblay, M. Fortier, J. Tremblay-Mercier (Canada)*
- Independent Relationships between Problems Presented by Individuals with Dementia and Caregiver Psychosocial Outcomes, *J.C. Arango Lasprilla, A. Moreno, H. Rogers, A.M. Gómez (USA)*
- Lifetime Diet and Cognitive Performance in an Older Community-Dwelling Population, *D. Hosking, V. Danthiir, T. Nettelbeck, C. Wilson (Australia)*
- Relationship between Food Ingestion and Cognitive tasks in Post-Menopausal Women: A Preliminary Study with Non-Expensive Tools, *D. Granzoti, C. Stetner, C. Souza, P. Felipe, R. de Moraes, L. Mochizuki, S.M. Lima Ribeiro (Brazil)*
- Serum B12, Folate, and Homocysteine Serum Levels and their Associations with Cognitive Impairment in Older People Residing in Tehran, Iran, *M. Foroughan (Iran)*
- Nutrition and Behavioral Symptoms of Residents with Memory Disorders in Long-Term Care, *M.H. Suominen, N. Savikko, J. Meinila, U. Eloniemi-Sulkava (Finland)*
- Nutritional Biomarkers and Food Frequency Questionnaire Estimates in People at Risk for Alzheimer's Disease: A Reproducibility Study, *G.L. Bowman, J. Shannon, M.G. Traber, B. Frei, S.W. Leonard, J.A. Kaye, J.F. Quinn (USA)*
- Influence of Nutritional Support on Nutritional and Mental Status in Dementia Patients with Alzheimer's Disease: Comparative and Intervention Study, *M. Navrátilová, J. Jarkovský, E. Cešková, A. Vašku, B. Leonard, L. Sobotka, (Czech Republic, Ireland)*
- Homotaurine: Mechanisms of Action, Proof on Concept and Relevance to Healthy Aging, *D. Garceau, D. Saumier, D. Haine, J. Sampalis (Canada)*
- Denutrition in the Elderly Suffering from Cancer and Cognitive Impairment Admitted in Limoges Oncogeriatric Unit, *A. Tchalla, I. Saulnier, F. Lachal, A. Labrousse, M-A Picat, C. Gayot, J. Martin, N. Tubiana-Mathieu, T. Dantoine (France)*
- Vitamin D, Dementia and Renal Status in Patients Hospitalized in a Geriatric Rehabilitation Unit, *R. Oprisiu-Fournier, F. Caron, F. Pradeille, I. El Esper, J.-M. Serot, A. Fournier (France)*
- Mind over Matter: Relationships between Executive Function and Functional Performance, *M. Powers, T. Lake (USA)*
- Cognitive Enhancement among Older Adults: An Integrated Approach, *S. Pasupuleti (USA)*
- Adapting to Food Related Role Changes: The Experiences of Male Care Partners and Wives with Dementia, *E. Konadu, H. Keller (Canada)*

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## UNDERNUTRITION, NUTRITION ASSESSMENT, NUTRITION STATUS

- The Mini Nutritional Assessment Short Form (MNA-SF) - Can It Be Improved to Facilitate Clinical Use, *M.J. Kaiser, J. Bauer, C. Ramsch, W. Uter, Y. Guigoz, P. Anthony, T. Cederholm, B. Vellas, C. Sieber (Germany, Switzerland, France)*

- General Health Status and Vascular Disorders as Correlates of Late-Life Depression in a National Survey Sample, *R. Stewart, V. Hirani (United-Kingdom)*
- The Effectiveness of Dietetic Intervention in Promoting Healthy Diets in Old Hostels, *T. Kwok (Hong Kong)*
- Effects of Nutritional Supplementation with Branched Amino Acids in Malnourished Elderly with Catabolic Status, *M. Bonnefoy, M. Jauffret, J.F. Jusot, M. Laville, S. Normand, B. Lebreton (France)*
- Medications and Malnutrition in Nursing Homes, *J.M. Thomas, P. Lecerf, P. Lariviere, A. Boy, M. Dumoulin, V. Zovi, B. Decuyper, C. Van Hoof, T. Pepersack (Belgium)*
- Subclinical Functional Impairment in the Community-Dwelling Older Adults with Type 2 Diabetes, *S.-W. Park, M.-J. Kim, J.-Y. Jeong, D.-H. Kim (Korea)*
- Explaining the Relationship between Low Lean Soft Tissue and Chemotherapy Toxicity, *C.M.M. Prado, V.E. Baracos, R.B. Bies, J.R. Mackey, M. Kuzma, V.L. Damaraju, M.B. Sawyer (Canada)*
- About Possibility of Delay of Organism Aging with the Use of Helio-Geroprotectory Means, *A.V. Trofimov, G.I. Drujinin (Russia)*
- Nutritional Effect of a Functional Food in Healthy Elderly People, *E. Urdaneta, N. Galdona, I. Laskibar, M. Iturburu, G. Zamora, J.J. Yanguas (Spain)*
- Effects of Glucose Load on Blood Pressure, Heart Rate and Splanchnic Blood Flow in Healthy Elderly, *L. Vanis, D. Gentilcore, C.K. Rayner, M. Horowitz, C. Feinle-Bisset, K.L. Jones (Australia)*
- The effects of Gerovital H3 Treatment on Plasma Atherogenicity in Elderly, *C. Borsa, D. Gradinaru (Romania)*
- Protein-Energy Malnutrition Among the Elderly: Implications for Nursing Practice, *D.M. Price (USA)*
- Uric Acid as a Central Nervous System Antioxidant, *G.L. Bowman, B. Frei, J.A. Kaye, J.F. Quinn (USA)*
- Percutaneous Endoscopic Gastrostomy (PEG) Mortality in Stroke Patients, *R.E. Williams, M. Storey, S. Isacc, B. Mandal (United-Kingdom)*
- Caregivers' Capability of Detecting Malnutrition in Elderly Residents, *N. De Witte, W. De Keyzer, V. Bral (Belgium)*
- Evaluation of Nutritional Status in Elderly Patients. At Admission in the Intermediate Care Hospital, *F.M. Lozano-Fuster, M. Medinas-Amoros, M. Calderon-Cerezo (Spain)*
- Validation of the Taiwanese-Specific Mini-Nutritional Assessment (MNA) with Follow-Up Four-Year Mortality Data of a Population-Based Longitudinal Cohort Study, *A.C. Tsai, S.-F. Yang, J.Y. Wang (Taiwan)*
- Descriptive Survey of 5-Year Survival of Older People Undergoing Colonoscopy, *S.A. Bruce, S. Burns (United-Kingdom)*
- Relationships among Family Caregiver Needs and Health-Related Quality of Life in a Group of Spanish-Speaking Dementia Caregivers, *A. Moreno, J.C. Arango Lasprilla, H. Rogers, A. Marcela Góme (USA)*
- Activity Limitation, Participation Restriction and Quality of Life: Observations over a Three Month Period in Frail Older People, *I. Cameron, N. Fairhall, N. Monaghan, C. Sherrington, K. Lockwood, S. Lord, C. Langron, C. Aggar, S.E Kurrle (Australia)*
- The risk of Refeeding Syndrome in Anorexia Nervosa, *M. Navrátilová, M. Hamrová, J. Tumová, E. Ceskova, L. Sobotka (Czech Republic)*
- Relationship of the Blood Pressure and Nutritional State of the Patients with Anorexia Nervosa and Bulimia Nervosa. The Study of 117 Patients in the Years 2000-2005, *M. Navrátilová, J. Jarkovský, J. Tumová, M. Hamrová, K. Matenová, E. Cešková (Czech Republic)*
- Health Conditions of Elderly Japanese Residents in the City of São Paulo, Brazil, *K. Tako Martins (Brazil)*
- Association of Some Specific Nutrients Deficiency with Periodontal Disease in Elderly People: A Systematic Literature Review, *G.J. van der Putten, J. Vanobbergen, L. De Visschere, J.M.G.A. Schols, C. de Baat (The Netherlands, Belgium)*
- Nutrition in Aging: Between Needs and Kidney Toxicity of Proteins, A Conundrum without Solution? *F. Saverio Dioguardi (Italy)*
- The Unexpected Capacity of Melanin to Dissociate the Water-Molecule is a New Way to Improve Quality of Life in the Elderly, *S. Herrera, M. del Carmen Arias Esparza, R.I. Solis-Arias, P.E. Solís-Arias, M.P. Solís-Arias (Mexico)*

- European Nutrition for Health Alliance : Air, Water, Nutrition: It's a Basic Need, *J.P. Baeyens, F.H. de Man (Belgium)*
- Pilot of Best Practice Nutrition Screening and Intervention for Hospitalised Older People, *L. Parkinson, S. Capra, J. Byles, R. Gibson (Australia)*
- Nutritional Evaluation and Biochemical Parameters in Older Spanish Subjects, *J.M. Morillas, J.M. Rubio-Perez, M.D. Albaladejo, S. Parra, P. Zafrilla (Spain)*
- Managing Cancer-Related Anorexia/Cachexia in the Elderly, *G. Mantovani, A. Macciò, C. Madeddu, M. Dessì, R. Serpe, F. Panzone, E. Massa, G. Astara (Italy)*
- Impact of Long Term Glutamine Supplementation on Maintaining Gut Integrity in Very Old Female Rats, *A.-M. Beaufrère, P. Patureau Mirand, D. Meynial-Denis (France)*
- Impact of Food and Nutrient Intakes and Lifestyle Habits on the Healthy Aging of Elderly Population of Rajasthan (India), *M. Lata, A.L. Bhatia (India)*
- Adherence to the Mediterranean Diet by Portuguese Elderly, *D.M. Santos, S.S.P. Rodrigues, A. Trichopoulou, M.D.V de Almeida (Portugal, Greece, Brazil)*
- Factors Associated with Nutrition Risk and Living to Advanced Age, *C. Wham, R. Teh, K. Hayman, N. Kerse (New Zealand)*
- Impact of Demographics, Lifestyle, and Health and Disease Conditions on Mortality of Older Adults-- Findings of a Ten-Year Longitudinal Cohort Study in Taiwan, *A.C. Tsai, Y.-W. Wang, J.Y. Wang (Taiwan)*
- The Influence of Social and Physical Factors on Food and Nutrient Intakes in Materially Deprived Older People in the UK, *B.A. Holmes, C.L. Roberts (United-Kingdom)*
- Soy Diet Improved Behavior in Female Tg2576 Mice, *N.B. Chauhan, J.S. Sandoval (USA)*
- 1,25-Dihydroxyvitamin D3 Reduces Systolic Blood Pressure in Hypertensive Adults, *S.N. Raiser, S.E. Judd, M. Kumari, V. Tangpricha (USA)*
- Vitamina D Status and Functional Reach in Brazilian Aging Men, *R.F. Lopes, S.A.G. Ferreira, V.G.S. Martins, A.C.B. Carmo, C.M. Coeli, M.L.F. Farias (Brazil)*
- The Nutritional Impact of Objective Meal Attributes in Hospitalized Elderly Patients: The Importance of Meal Duration and Hedonic Properties of Foods, *C. Paquet, D. St-Arnaud-McKenzie, M.-J. Kergoat, L. Dubé, G. Ferland (Canada)*
- Vitamin K Contents of Commercially Available Phylloquinone, MK-4 and MK-7 Oral Supplements, *G. Ferland, W.R. Bartle, C. Fournier, C. Baker (Canada)*
- Alimentary Behaviour Linked to the Dismetabolic and Cardiovascular Pathology in the Elderly, *E. Lupeanu, D. Roditis (Romania)*
- Nutritional and Metabolic Profile of Cancer Patients Submitted to a Continuous Fitness Program during Chemotherapy. A Case Study, *P.L. Campos-Ferraz, R.B.A.S. Ferraz, L.R. Costa, M. Aisen, L.O. Pereira-Lancha, A.P. Franzese, A.H. Lancha Jr (Brazil)*
- Cardiopulmonary Parameters during Maximal Exercise in Cancer Patients Submitted to Exercise Training Program in Addition to Chemotherapy, *A.H. Lancha Junior, L.O.P. Lancha, P.L.C. Ferraz, R.B.A.S. Ferraz, M. Aisen, L.A. Riani Costa (Brazil)*
- How Maintaining Serum 25 OH Vitamin D Levels above 30 NG/ML in Elderly Patients ? *I. Shahpuni, R. Oprisiu-Fournier, M. Rouached, T. Aatif, A. Fournier (France)*
- A New Method of Weight Measurement in Continuing Care, *H. Niezgodá (Canada)*
- Factors Associated with Nutritional Status of Elderly Residents in Município de Vitória, ES, *G.C. Campos, G.T. Rego Monteiro (Brazil)*
- Living with Parkinson's Disease from the Perspective of Parkinsonians and their Relatives, *F.M. Navarro-Peternella, S.S. Marcon (Brazil)*
- Food access and nutritional expressions of socioeconomic inequalities in old age: data from Mexico City, *J. Alberto Rivera-Márquez, V.I. Delgado-Campos (Mexico)*