



Università degli Studi di Roma "La Sapienza"  
ISTITUTO di SCIENZA dell'ALIMENTAZIONE



International Academy  
of Nutrition & Aging



International Symposium on

# Obesity in the elderly

Rome January 26<sup>th</sup> - 28<sup>th</sup> 2006

PRELIMINARY PROGRAM

## MAIN TOPICS

Epidemiology of obesity in the elderly  
Obesity cardiovascular morbidity and function  
Psychological and cognitive pathogenesis and impact  
Sarcopenic obesity  
Multidimensional evaluation and assessment  
Quality of life  
Multidisciplinary treatment

**Satellite symposium:** Diabetes in the Elderly

## PROGRAMME COMMITTEE

C. Cannella (Italy)  
W.C. Chumlea (USA)  
L.M. Donini (Italy)  
B. Vellas (France)

## SCIENTIFIC SECRETARIAT

V. del Balzo (Italy) (valeria.delbalzo@uniroma1.it)  
L. M. Donini (Italy) (lorenzomaria.donini@uniroma1.it)

## ORGANISING SECRETARIAT



Viale Gorizia 24c – 00198 Rome  
Tel. +39.0697605610 fax +39.0697605650  
info@fasiweb.com; www.fasiweb.com

## UNDER THE AUSPICES OF



**FeSIN ONLUS**  
**Federazione delle Società Italiane di Nutrizione**

SINPE (Società Italiana di Nutrizione Parenterale ed Enterale) - SINUPE (Società Italiana di Nutrizione Pediatrica)  
ADI (Associazione Italiana di Dietetica e Nutrizione Clinica) - SINU (Società Italiana di Nutrizione Umana)  
SISA (Società Italiana di Scienza dell'Alimentazione)




**SOCIETÀ ITALIANA DI GERONTOLOGIA E GERIATRIA**



**SOCIETÀ ITALIANA DELL'OBESITÀ**



**FEDERAZIONE ITALIANA MEDICI NA GERIATRICA**



Obesity is a prevalent health problem among the elderly in developed and emerging countries. It contributes to the early onset of chronic morbidity and functional impairment in old age and is related to premature mortality.

Fat redistribution, absolute or relative sarcopenia, limited physical activity and fitness, chronic inflammation and endocrine changes are frequent in old age and are clinical markers and contributors to obesity. These and other clinical factors and their interactions may be important in determining the onset, duration and consequences of obesity thus accelerating the senescence process and the cost of health care.

These changes in body habitus and their interactions may represent potential therapeutic goals. However our knowledge of their clinical relationships and significance with obesity needs to be more firmly established with a greater evidence in the elderly. Likewise, the balance between the potential benefits of treatment interventions, reducing premature morbidity and mortality, and the impact on quality of life in old age may be different from young and adult age and need to be seriously considered.

The aim of the international Congress “OBESITY IN THE ELDERLY”, with interdisciplinary contributions, is to enhance our knowledge and understanding of this important clinically prevalent problem and to identify prevention and treatment strategies, proper to old age and able to improve the quality of life .

Lorenzo M Donini

## **CONGRESS VENUE**

Centro Congressi Frentani  
Via dei Frentani, 4 - 00185 Roma

## **OPENING CEREMONY**

University of Rome "La Sapienza"  
Aula Magna (P.le A. Moro, 5)

## **OFFICIAL LANGUAGE**

The official language of the Congress is English.

## **CME Credits (for Italian participants):**

**Medicinae Doctors** (up to 100) = 9 credits

**Dieticians (up to 50)** = 9 credits

**Psychologists** (up to 25) = 8 credits

**Biologist** (up to 25) = 12 credits

## **ROME**

The city of Rome covers an area of 367 km<sup>2</sup> and has a population of 6 millions. The city offers a large number of world class hotels, restaurants, theatres, cinemas and shops. The Fiumicino airport Leonardo da Vinci is located 32 km. from the center of Rome, 45/60 minutes by car. Connections to the city are available by rail and taxi. [www.comune.roma.it](http://www.comune.roma.it)

## **WEATHER**

Usually the month of January is cold with an average temperature of 4°-8° C.  
Rain is possible.

## **PUBLIC TRANSPORTATION**

Public transportation consists of two underground (red and blue line), surface rail-way systems, bus lines, taxis and rental cars. [www.atac.roma.it](http://www.atac.roma.it)

## **CURRENCY AND CREDIT CARDS**

The Italian currency is Euro.

Banking hours are from Monday to Friday,  
from 8.45 am -1.30 pm; 3.00 pm. - 4.00 pm.

1 Euro= Usd. 1,29 approx.

1 Usd= Euro 0,77 approx.

Most hotels, restaurants and shops accept internationally valid credit cards

## **INSURANCE**

Each participant should make their own arrangement about personal insurance.

## SPEAKERS & CHAIRMEN

V Bacci (Italy)  
NC Battistini (Italy)  
SN Blair (USA)  
MR Bollea (Italy)  
R Boente (Spain)  
O Bosello (Italy)  
L Busetto (Italy)  
C Cannella (Italy)  
MG Carbonelli (Italy)  
M Carrubba (Italy)  
WC Chumlea (USA)  
AV Ciardullo (Italy)  
A Clementi (Italy)  
M Cuzzolaro (Italy)  
A D'Amicis (Italy)  
L De Bernardini (Italy)  
P De Cristofaro (Italy)  
V del Balzo (Italy)  
M De Luca (Italy)  
N de Rekeneire (France)  
LM Donini (Italy)  
G Enzi (Italy)  
JJ Fine (USA)  
MA Fusco (Italy)  
G Gambassi (Italy)  
M Giampietro (Italy)  
E Gregg (USA)  
DR Gustafson (Sweden)  
RL Kennedy (Australia)  
F Landi (Italy)  
M Marcelli (Italy)  
V Marigiano (Italy)  
T Marotta (Italy)  
M Muscaritoli (Italy)  
G Oriani (Italy)  
L Ovesen (Denmark)  
A Pietrobelli (Italy)  
A Pinto (Italy)  
O Resta (Italy)  
F Rossi Fanelli (Italy)  
G Sandri (Italy)  
L Scalfi (Italy)  
A Scuteri (Italy)  
LW Sorbye (Norway)  
G Spera (Italy)  
F Strollo (Italy)  
M Trabucchi (Italy)  
E Troiano (Italy)  
B Valerii (Italy)  
B Vellas (France)  
F Vetta (Italy)  
S Volpato (Italy)  
J Woo (Hong Kong)  
M Zamboni (Italy)

**Thursday, January 26<sup>th</sup>, 2006 Afternoon**

*Aula Magna - University of Rome "La Sapienza"*

16.00     **Opening Ceremony**  
L Frati  
Pro-Chancellor of the University of Rome "La Sapienza"

**Aging and Obesity, global concerns for  
an International Symposium**  
*(W.C. Chumlea - USA, B.Vellas - France)*

**KEY LECTURES**

**Food, nutrition and aging**  
*(C. Cannella - Italy)*

**Nutritional status and health in the elderly**  
*(M. Trabucchi - Italy)*

18.00     **Polyphonic Chorus of the "Carabinieri"**

20.00     Welcome Cocktail



**Friday, January 27<sup>th</sup>, 2006 Morning**

*Centro Congressi Frentani - Auditorium*

**OBESITY IN THE ELDERLY: THE EVIDENCE**

Chairmen: A. D'Amicis (Italy), M. Muscaritoli (Italy)

- 09.00 **Obesity in the elderly: definitions, methods and prevalence**  
*(W.C. Chumlea et al - USA)*
- 09.20 **Obesity in the elderly: definition, consequences and management**  
*(J. Woo - Hong Kong)*
- 09.40 **Obesity and comorbidity**  
*(L. De Bernardini et al - Italy)*
- 10.00 **Obesity and the frail elderly**  
*(F. Strollo - Italy)*
- 10.20 **The Aged in Home Care Project (ADHOC)**  
*(L.W. Sorbye et al - Norway)*
- 10.40 **Obesity among nursing home residents**  
*(G. Gambassi - Italy)*

11.00 Coffee break

**OBESITY AND CARDIOVASCULAR MORBIDITY**

Chairmen: F. Rossi Fanelli (Italy), M. trabucchi (Italy)

- 11.30 **Fat distribution and cardiovascular risk factors in the elderly**  
*(G. Enzi et al - Italy)*
- 11.50 **Obesity and metabolic syndrome**  
*(G. Spera et al - Italy)*
- 12.10 **The metabolic syndrome and prediction of cardiovascular events in older persons: which mechanisms?**  
*(A. Scuteri - Italy)*
- 12.30 **Cardiac remodelling in elderly obese**  
*(F.Vetta - Italy)*
- 12.50 **Overweight/obesity elevates severity of coronary artery calcification among aged subjects**  
*(J.J. Fine et al - USA)*

13.30 Lunch

**Friday, January 27<sup>th</sup>, 2006 Morning**  
*Centro Congressi Frentani - Sala Etruschi*

## Satellite Symposium

### **DIABETES IN THE ELDERLY**

Chairmen: N de Rekeneire (France), M Marcelli (Italy)

- 09.00 **Epidemiology of diabetes in the elderly:  
risk factors and age related complications**  
*(S. Volpato - Italy)*
- 09.20 **Insulin resistance, metabolic syndrome,  
triglyceride/HDL cholesterol ratio, elderly, overweight**  
*(T. Marotta - Italy)*
- 09.40 **Physical disability and the cumulative impact of obesity  
and diabetes in older adults**  
*(E. Gregg - USA)*
- 10.00 **Obesity and diabetes in older persons: is inflammation the link?**  
*(N. de Rekeneire - France)*
- 10.20 **Abdominal versus subcutaneous fat:  
role of nutrients and physical activity**  
*(A. Clementi - Italy)*
- 10.40 **Mortality prognostic factors in elderly T2DM overweight patients**  
*(A.V. Ciardullo et al -Italy)*

**Friday, January 27<sup>th</sup>, 2006 Morning**

*Centro Congressi Frentani - Sala Etruschi*

**11.30 - 13.30 Selected Oral Communications**

*Chairmen: G Sandri (Italy), P De Cristofaro (Italy)*

Obesity and Racial Differences in Active Life Expectancy in Older (*S.L. Reynolds*)

Prevalence of obesity, self-reported health perception and influence of lifestyle measures in the Austrian population. (*T. Dorner, K. Lawrence, I. Kiefer, T. Rathmanner, A. Rieder*)

The National internal medicine equivalent/ complex C-V- @ risk study: an Italian multicenter observational study on internal medicine inpatients (*S. Corrao, R. Nardi, S. La Carrubba, S. Arnone, D. Panuccio, F. Cipollini, P. Agostinelli, S. Di Rosa, I. Iori*)

General mortality in severely obese elderly (*F. Balzola, M. Chiusolo, D. Mirabelli, F. Merletti*)

Nutritional knowledge and dietary intake between body mass index of older adults (*C.O. Lengyel*)

Elevated serum bioactive GHRELIN levels in patients with metastatic neuroendocrine tumors maintains body weight (*S. Wang Hank, S. Oh David, G. Ohning, J.R. Pisegna*)

Nutritional protein, voracity and obesity. The importance of glutamate in the regulation of appetite (*Hermanussen, M. Aschauhof*)

COMBINED EFFECTS OF AGE AND BODY MASS INDEX ON GH/IGF-I AXIS (*S. Savastano, C. di Somma, T. Cascella, F. Rota, A. Mentone, A. Leo, C. Savanelli, G. Lombardi, A. Colao*)

Correlated biochemical parameters (fasting glycaemia, c-peptide, insulinaemia) in healthy centenarian subjects (*E. Petruzzi, P. Pinzani, M. Rafanelli, A. Ungar, F. Malentacchi, I. Petruzzi, M. Pazzagli, G. Masotti*)

Central Obesity in midlife and risk of dementia two decades later (*R.A. Whitmer, M.N. Haan, E.P. Gunderson, C.P. Quesenberry, J.V. Selby, K. Yaffe*)

Five years body composition changes in the elderly. Effect of gender and weight change (*G. Fontana, F. Fantin, A. Zivelonghi, V. Bambara, A. Tralci, F. Valbusa, E. Zoffoli, M. Zamboni*)

The use of wartegg's personality projective test with the aging obese (*S. Biaselli, G. Botta, V. Di Biagio, L. Bollanti, M. Morè, F. Strollo*)

**Friday, January 27<sup>th</sup>, 2006 Afternoon**

*Centro Congressi Frentani - Auditorium*

**OBESITY AND FUNCTION**

Chairmen: V Marigliano (Italy), E Gregg (USA)

- 14.30 **Sarcopenic obesity**  
*(M. Zamboni et al - Italy)*
- 14.50 **Obesity and disability**  
*(O. Bosello et al - Italy)*
- 15.10 **Obesity in the elderly and respiratory function**  
*(O. Resta et al - Italy)*
- 15.30 **Obesity and risk for dementia**  
*(B. Vellas - France)*
- 15.50 **Body mass index, dementia and related pathologies**  
*(D.R. Gustafson et al - Sweden)*
- MULTIDIMENSIONAL EVALUATION AND ASSESSMENT OF OBESE PATIENT IN THE ELDERLY**  
Chairmen: B Vellas (France), O Bosello (Italy)
- 16.20 **The use of energy balance, body function and body composition to define nutritional status in the elderly**  
*(Pietrobelli A et al - Italy)*
- 16.40 **Obesity in the elderly: psychological and psychiatric aspects**  
*(Cuzzolaro M. - Italy)*
- 17.00 **Physical activity, fitness, obesity and health in older adults**  
*(Blair S.N. - USA)*
- 17.20 **Obesity in the elderly: should we be treating and how should we be treating**  
*(Kennedy R.L. - Australia)*

Friday, January 27<sup>th</sup>, 2006 *Afternoon*

*Centro Congressi Frentani - Sala Etruschi*

## Satellite Symposium

### **BARIATRIC SURGERY IN THE ELDERLY**

Chairmen: G Enzi (Italy), MA Fusco (Italy)

- 14.30 **Body composition modification in obese patients treated with intragastric balloon and adjustable gastric banding system**  
*(M.G. Carbonelli et al - Italy)*
- 14.50 **Adjustable gastric banding system in the elderly**  
*(L. Busetto et al - Italy)*
- 15.10 **Transcend implantable gastric stimulator (IGSTM): a new therapy to treat obesity**  
*(M. De Luca et al - Italy)*
- 15.30 **Long-term results after laparoscopic adjustable gastric banding in patients over 60 years of age**  
*(V. Bacci et al - Italy)*
- 15.50 **Results of bariatric surgery for morbid obesity in patients older than 59 years**  
*(R. Boente et al - Spain)*

### **JOINT MEETING SINU-SIGG**

Chairmen: G Oriani (Italy), F Landi (Italy)

- 16.20 **The SINU-SIGG study-group**  
*(L. Scalfi - Italy)*
- 16.40 **Dietary fiber in the elderly: scientific evidence**  
*(A. Pinto - Italy)*
- 17.00 **SINU-SIGG study design on the clinical role of fiber supplementation**  
*(M. Zamboni - Italy)*

**Saturday, January 28<sup>th</sup>, 2006 Morning**

*Centro Congressi Frentani*

**09.00 - 10.10 Selected Oral Communications**

Chairmen: RL Kennedy (Australia), A Clementi (Italy)

Significant role of severe elder obesity in persistently worst or declining lower extremity physical performance in homebound older adults  
*(J.R. Sharkey)*

Endothelial Dysfunction and Cardiovascular risk in obesity *(F. Rossi, G. Pasimeni, A. Ferraresi, C. Bertone, S. Petrica, G. Spera, V. Santemma, F. Rossi)*

IGF-1, grip strength and body mass index in the very old: results from the il SIRENTE Study *(G. Onder, A. Russo, M. Cesari, R. Bernabei, F. Landi, G. Onder)*

Ischemic preconditioning in elderly with acute myocardial infarction: role of physical activity and body mass index *(N. Ferrara, F. Cacciatore, G. Corbi, L. Viati, P. Tirelli, P. Ziccardi, G. Salvatori, P. Abete, F. Rengo, G. Oriani)*

Body Mass Index and mobility impairment in well-functioning older individuals: Results from the Study of Nutrition Age (NuAGE)  
*D.R. Bouchard, I.J. Dionne, M. Brochu)*

BMI, sarcopenia and risk of falls in elderly females: evaluation and management *(D. Cucinotta, M. Minardi, G. Lanfranchi, E. Ferrari, C. Frondini)*

Food education in the prevention of adulthood obesity: Mediterranean diet *(P. Scardella, L. Piombo, V. del Balzo)*

**Saturday, January 28<sup>th</sup>, 2006 Morning**

*Centro Congressi Frentani*

**MULTIDISCIPLINARY TREATMENT (1)**

Chairmen: SN Blair (USA), MR Bollea (Italy)

- 10.20 **Obesity in the elderly - dietary intervention: “the squaring of the circle**  
*(E. Troiano et al - Italy)*
- 10.40 **Physical training in obese elderly subjects**  
M Giampietro (Italy)
- 11.00 Coffee break

**MULTIDISCIPLINARY TREATMENT (2)**

Chairmen: WM Chumlea (USA), NC Battistini (Italy)

- 11.30 **Pharmacological treatment of obesity in the elderly**  
*(M. Carruba - Italy)*
- 11.50 **Psychological aspects of obesity in the elderly**  
*(B. Valerii - Italy)*
- 12.10 **Educational approach**  
*(V. del Balzo - Italy)*
- 12.30 **Food service in the elderly**  
*(L. Ovesen - Denmark)*
- CLOSING REMARKS**
- 13.00 **Guidelines for prevention and treatment of obesity in the elderly**  
*(L.M. Donini - Italy)*

# Poster

## OLD PATIENTS' BODY MASS INDEX AND NUTRITIONAL STATUS IN LONGTERM CARE AND NURSES' OPINION ABOUT THOSE FACTORS

M.H. Suominen, E. Sandelin, H. Soini, K.H. Pitkala

## EVALUATION ON OBESITY AMONG HUNGARIAN ELDERLY

I. Rurik

## OBESITY IN THE ELDERLY BUT LEANNESS IN HEALTHY CENTENARIANS

P. Pinzani, E. Petruzzi, M. Rafanelli, A. Ungar, F. Malentacchi, I. Petruzzi, M. Pazzagli, G. Masotti

## 30-YEAR-FOLLOW UP OF BODY MASS INDEX AND THE RELATION TO FUNCTIONAL ABILITY AND TO MORTALITY AFTER 40 YEARS

A.N. Pederson

## CENTRAL OBESITY AMONG ADULTS IN EGYPT: PREVALENCE AND ASSOCIATED MORBIDITIES

M.A. Abolfotouh, L.A. Soliman, E. Mansour, M. Farghaly, A.A. El-Dawaiaty

## CHARACTERIZATION OF HEALTH CARE GIVEN AT PORTUGUESE ELDERLY INSTITUTIONS

A. Faria, A. Rocha

## PREVALENCE OF OBESITY IN AUSTRIAN FARMERS: A PEAK IN THE ELDERLY POPULATION

T Dorner, B Leitner, H Stadlmann, W Fischer, B Neidhart, K Lawrence, I Kiefer, T Rathmanner, M Kunze, A Rieder

## PREVALENCE OF OBESITY IN A GERIATRIC LONG-TERM CARE FACILITY

T Dorner, A Rieder, K Lawrence, A Jancuska, C Gisinger

## CENTRAL OBESITY IN ELDERLY INDIVIDUALS IN SOUTH-WESTERN SAUDI ARABIA: PREVALENCE AND ASSOCIATED MORBIDITY

MA Abolfotouh, AA Daffallah, MY Khan, MS Khattab, I Abdulmoneim

## OPTIMAL BODY MASS INDEX IN A NURSING HOME POPULATION

AM Beck

## PREVALENCE OF SARCOPENIC OBESITY IN A REHABILITATION WARD

Savina C., Paolini M., Castellaneta E., Coletti C., Savina C., Neri B., Sentuti M., Antonetti V., Martelli R., Valerii B., Zaninotto S., Della Torre N., Donini L.M., Cannella C.

## NUTRITIONAL STATUS IN A NURSING HOME

Valerii B., Castellaneta E., Coletti C., Savina C., Paolini M., Neri B., Sentuti M., Antonetti V., Martelli R., Zaninotto S., Della Torre N., Donini L. M., Cannella C.

# Poster

## DIFFERENCES IN DIETARY PATTERNS BETWEEN YOUNGER AND OLDER OBESE AND OVERWEIGHT OUTPATIENTS

ED Toffanell, EM Inelmen, G Sergi, A Coin, L Busetto, E Manzato, G Enzi

## OBESITY AND HEALTH CONDITIONS IN ELDERLY OF RESIDENTIAL HOMES IN ROME

G Cairella, G Baglio, L Censi, F Ciaralli, A Marchetti, V Rebella, L Sonni, G Tarsitani

## PREVALENCE OF OBESITY AND ASSOCIATION WITH ISCHEMIC STROKE IN ELDERLY SUBJECTS

G Cairella, A De Martino, F Garbagnati, L Mistura, M Multari, U Scognamiglio, V Venturiero, S Paolucci

## FOOD-RELATED QUALITY OF LIFE: EXPLORATIVE STUDY ON A SAMPLE OF OVER 65 IN ROME

L D'Addezio, F Maccati, S Martines, A Turrini, A Saba

## LEPTIN LEVELS IN OBESE PATIENTS WITH OBSTRUCTIVE SLEEP APNEA

Y Sviryayev, O Rotar, N Zvartau, A Conrady, T Ivanova, A Kalinkin

## INTAKE OF MACRONUTRIENTS AS PREDICTORS OF FIVE-YEAR CHANGES IN WAIST CIRCUMFERENCE

J Halkiaer, A Tjonneland, BL Thomsen, K Overvad, IA Sorensen Thorkild

## PROGNOSTIC VALUE OF DEFECT VERSUS EXCESS ADIPOSITY IN ELDERLY COMMUNITY-DWELLERS: THE "INSUFFICIENZA CARDIACA NEGLI ANZIANI RESIDENTI

A DICOMANO" (ICARE DICOMANO) STUDY

M Inzitari, C Pozzi, E Mannucci, R Lavecchia, G Masotti, N Marchionni, M Di Bari

## NON-INVASIVE EVALUATION OF ENDOTHELIAL DYSFUNCTION IN UNCOMPLICATED OBESITY: RELATIONSHIP WITH INSULIN RESISTANCE

F Rossi, G Pasimeni, MC Ribauda, A Ferraresi, C Bertone, S Petricca, G Spera, V Santiemma

## CENTRAL OBESITY AND COMORBIDITIES IN INTERNAL MEDICINE IMPATIENTS: PRELIMINARY DATA FROM THE NATIONAL INTERNAL MEDICINE EQUIVALENT/ COMPLEX C-V- @ RISK STUDY

R Nardi, S Arnone, S La Carrubba, D Panuccio, F Cipollini, P Agostinelli, S Di Rosa, I Iori, S Corrao

## THE GLN223ARG POLYMORPHISM OF THE LEPTIN RECEPTOR IN SAUDI WOMEN: ASSOCIATION WITH OBESITY AND TYPE II DIABETS

RN Al-Harthy, NS Al-Zahrani

## WAIST CIRCUMFERENCE AND DIABETES RISK IN THE ELDERLY. RESULTS FROM THE ILSA STUDY

Perissinotto, Sergi, Enzi, Maggi, Busetto, Buja, Coin, Frigo, Projic Mezzoli, Abiad, Manzato

# Poster

## **BODY MASS INDEX IN PATIENTS WITH HEART FAILURE: RELATIONSHIPS WITH CATECHOLAMINE AND NATRIURETIC PEPTIDE CONCENTRATION**

C Mammini, L Zyw, C Passino, A Clerico, R Poletti, S Susanu, M Ermdin

## **HIGH PREVALENCE OF NEWLY DIAGNOSED OBSTRUCTIVE SLEEP APNEA SYNDROME (OSAS) IN AN ENDOCRINE UNIT**

S Davide, L Pecorelli, R Corelli, A Maltzef, F Strollo

## **THE INFLUENCE OF AGE UPON ALDOSTERONE-TO-RENIN RATIO IN OBESE AND NON-OBESE SUBJECTS**

M Morè, L Pecorelli, G Strollo, F Strollo

## **A ROLE FOR INSULIN IN THE ENHANCEMENT OF MEMORY FOLLOWING A GLUCOSE LOAD?**

AB Scholey, L Owen, DO Kennedy, A Milne, Zangara

## **ELECTROENCEPHALOGRAPHICAL (EEG) FINDINGS IN PATIENTS WITH OBESITY IN CASE OF MILD COGNITIVE IMPAIRMENT (MCI)**

D Kountoris, K Koutsobellis

## **ASSESSMENT OF NUTRITIONAL RISK**

C Coletti, M Paolini, C Savina, B Valerii, Z Zaninotto, N Della Torre, M Sentuni, V Antonetti, R Martelli, E Castellaneta, MR De Felice, L De Bernardini, LM Donini, C Cannella

## **ANTHROPOMETRIC PARAMETERS OF HEALTHY ELDERLY FROM FRENCH AREA**

Belbraouet, A Tebi, N Chau, G Debry

## **DATA-PROCESSING TOOL FOR THE PRACTICE OF STANDARDIZED GERONTOLOGIC EVALUATION.**

D Bouazziz, JV Giordana, J Saos, JL Philip, JD Aviles, D Balas, N Chu

## **C-REACTIVE PROTEIN IS RELATED TO VASCULAR STIFFNESS IN ELDERLY OBESE SUBJECTS OTHERWISE HEALTHY.**

M Vatrano, F Borrello, G Iemma, M Perticone, S Spezzano, G Sesti, F Perticone

## **THE EFFECT OF AN EXERCISES PROGRAM ON THE BODY MASS INDEX, MOBILITY AND BALANCE IN ELDERLY PEOPLE**

V Zamora, PM Montoya, J Rios, JD Aviles

## **PHYSICAL PERFORMANCE IN ELDERLY PEOPLE OF ILSA STUDY: COMPARISON BETWEEN MODERATE-SEVERE OBESITY AND UNDERWEIGHT STATE**

G Sergi, E Perissinotto, A Coin, S Maggi, AC Frigo, EM Inelmen, A Buja, K Projic Mezzoli, ED Toffanello, G Enzi

# Poster

## **SYMPATHETIC ACTIVATION IN OBESE PATIENTS WITH OBSTRUCTIVE SLEEP APNEA**

O Rotari, Y Sviryaev, N Zvartau, A Conrady, N Merculova, A Kalinkin

## **DISABILITY AND DIFFICULTIES FOR PHYSICAL FUNCTION IN OBESE ELDERLY WOMEN:**

### **LOWER LIMB STRENGTH AND RECREATIONAL PHYSICAL ACTIVITY**

Y Rolland, V Lauwers-Cances, C Cristini, H Grandjean, WA Banks, JE Morley, B Vellas

## **CALCIUM METABOLISM, VITAMIN D STATUS AND FAT DISTRIBUTION IN ELDERLY OBESE SUBJECTS**

G Guzzaloni, A Minocci, G Savia, P Marzullo, M Tagliaferri, ME Berselli, A Liuzzi

## **INFLUENCE OF BODY MASS INDEX ON ACTIVITIES OF DAILY LIVING IN GERIATRIC INSTITUTIONALISED SUBJECTS**

T Dorner, B Bodendorfer, K Wiedner, K Lawrence, A Rieder, C Gisinger

## **LEISURE-TIME PHYSICAL ACTIVITY AND BMI IN ELDERLY IRANIANS AND SWEDES:**

### **A CROSS-SECTIONAL STUDY**

A Koochek, J Sundquist, SE Johansson, K Sundquist, T Kocturk

## **RELATIONSHIP BETWEEN NUTRITIONAL STATUS AND LIFESTYLE IN AN ELDERLY ITALIAN POPULATION**

A Polito, E Toti, B Mauro, D Ciarapica, M Galfo, G Catasta, M Zaccaria

## **OBESE PATIENTS 2-YEARS FOLLOW-UP AFTER A NUTRITIONAL PSYCHO-PHYSICAL TREATMENT**

M Sentuni, C Savina, C Coletti, M Paolini, B Valerii, S Zaninotto, N Della Torre, V Antonetti, R Martelli, E Castellaneta, LM Donini, C Cannella

## **IMPROVEMENT IN THE QUALITY OF INSTITUTIONAL CATERING SERVICE**

E Castellaneta, M Sentiti, B Valerii, C Coletti, C Savina, M Paolini, B Neri, V Antonetti, R Martelli, S Zaninotto, N Della Torre, LM Donini, C Cannella

## **MEAL REPLACEMENT AS A DIETARY THERAPY FOR WEIGHT CONTROL**

M Paolini M, B Valerii, E Castellaneta, C Coletti, C Savina, B Neri, M Sentiti, V Antonetti, R Martelli, S Zaninotto, N Della Torre, LM Donini, C Cannella

## **WEIGHT LOSS INCREASE PHYSICAL PERFORMANCE IN OBESE WOMEN AT EVERY AGE**

L Bissoli, AR Maruotti, K Giuliano, F Omizzolo, A Rossi, C Rinaldi, C Bozzano, L Pellizzari, O Bosello

## **EFFECT OF LOW-CALORIC DIET ON ADIPOKINE CONCENTRATION IN SUBJECTS WITH MILD OBESITY**

N Canitano, A Vitale, A Liguori, W De Santis, Flora

## **DOES PATIENT AGE INFLUENCE THE OUTCOME AFTER LAPAROSCOPIC GASTRIC BANDING?**

B Jaenigen, K. D. Rueckauer, U., T. Hopt, O. Thomsch

## REGISTRATION

### REGISTRATION FEES

It is kindly requested to read this page before you fill in the registration form. The registration form should be filled in all its parts and faxed or submitted on line. Within January 10th registration **on line is available** (<http://w3.uniroma1.it/scialim>). After this date only on site registration will be possible

#### FEES

Participant	€ 400,00
Dietician	€ 350,00
Accompanying Person	€ 200,00
Student	€ 150,00

*Fees include Italian Vat*

### REGISTRATION FEES INCLUDE

**Participant:** admission to the scientific sessions, certificate of attendance, conference material, abstract book, 1 year subscription to the Journal of Nutrition Health & Aging, welcome cocktail, lunch and coffee breaks.  
**Accompanying Person:** opening ceremony and welcome cocktail, visit to the Sistine Chapel

### METHOD OF PAYMENT

By credit cards (VISA or Mastercard)



