



«ETTORE MAJORANA» FOUNDATION AND CENTRE FOR SCIENTIFIC CULTURE

TO PAY A PERMANENT TRIBUTE TO GALILEO GALILEI, FOUNDER OF MODERN SCIENCE
AND TO ENRICO FERMI, THE "ITALIAN NAVIGATOR", FATHER OF THE WEAK FORCES



INTERNATIONAL SCHOOL OF GERONTOLOGY AND GERIATRICS «GIUSEPPE BARBAGALLO-SANGIORGI»

10th Workshop: SEMINARS ON GERIATRICS

ERICE-SICILY: 22 - 30 OCTOBER 2007

Sponsored by the: • Italian Ministry of Education, University and Scientific Research • Sicilian Regional Government
• Italian Society of Gerontology and Geriatrics • International Association of Gerontology • Italian Ministry of Health

TOPICS AND LECTURERS

THE LIFETIME ROOTS OF SARCOPEIC OBESITY

*Is there evidence for an optimal body composition in old age?
Is fatness a risk factor for bad health outcomes if it is not associated with sarcopenia?
Which is more closely related to disability and death in old age-current weight or weight earlier in life?
Which trajectories of weight change over the lifetime are associated with health outcomes?
Do obesity in young and the body composition changes of aging have the same metabolic and functional correlates and consequences?
Which is more important- the amount of muscle or strength?
Which are the critical periods for selected hormones and cytokines in old age?
Do osteoporosis and sarcopenia have similar or different roots and consequences?
What interventions have been effective in addressing optimal body composition in old age? Is there a critical role for movement?*

GERIATRIC ASSISTANCE AS A PLANETARY EMERGENCY

*Third generation geriatric assessment
How to promote geriatrics and incorporate it into the clinical practice, research and health care systems
A Recipe for Care*

GENETICS AND BIOLOGY OF AGING

*An evolutionary approach to longevity
Genetics of cardiovascular diseases and longevity
Inflammation, immunity, ageing and longevity
Identification of a risk profile for unsuccessful ageing
Hormesis and longevity*

ANEMIA IN THE ELDERLY

NUTRITIONAL PROBLEMS AND HEALTH

MEDITERRANEAN DIET AND PHYSICAL ACTIVITY

DIABETES AND CARDIOMETABOLIC SYNDROME IN THE ELDERLY

RESPIRATORY FUNCTION IN THE ELDERLY

DEPRESSION IN THE ELDERLY

CARDIOVASCULAR DISEASES IN THE ELDERLY

OSTEOPOROSIS AND DISABILITY IN THE ELDERLY

PARKINSON DISEASE IN THE ELDERLY

DEMENTIA AND DELIRIUM IN THE ELDERLY

CANCER AND AGEING

PAIN MANAGEMENT IN THE ELDERLY

IATROGENIC RISK IN THE ELDERLY PATIENT

- D. ALLEY, University of Pennsylvania, Philadelphia, PA, US
- R. ANTONELLI INCALZI, Campus Bio-Medico University, Roma, IT
- L. BALDUCCI, University of Tampa, FL, US
- S. BANDINELLI, INRCA, Firenze, IT
- M. BARBAGALLO, University of Palermo, IT
- C. BEGHÈ, Veteran Administration Medical Center, Tampa, FL, US
- R. BERNABEI, University "Cattolica" of Roma, IT
- C. CANNELLA, University of Roma, IT
- C. CARUSO, University of Palermo, IT
- P. CEDA University of Parma, IT
- A. CHERUBINI, University of Perugia, IT
- F. CORICA, University of Messina, IT
- L.J. DOMINGUEZ, University of Palermo, IT
- L.M. DONINI, University of Roma, IT
- W.J. EVANS, University of Arkansas, Little Rock, AK, US
- N. FERRARA, University of Molise, Campobasso, IT
- L. FERRUCCI, NIH LBSA, Baltimore, MD, US
- C. FRANCESCHI, University of Bologna, IT
- F. GOMEZ, University of Caldas, Manizales, CO
- J. GURALNIK, NIH, Bethesda, MD, US
- T. HARRIS, National Institute on Aging, Bethesda, MD, US
- G. ISAIA, University of Torino, IT
- S. MAGGI, CNR-Padova, IT
- N. MARCHIONNI, University of Firenze, IT
- D. MAUGERI, University of Catania, IT
- P. MECOCCI, University of Perugia, IT
- V. NICITA-MAURO, University of Messina, IT
- P. ODETTI, University of Genova, IT
- G. PAOLISSO, Second University of Napoli-SUN, IT
- J. MORLEY, University of Saint Louis, MO, US
- A. NEWMAN, University of Pittsburgh, PA, US
- M. PAHOR, University of Florida, Gainesville, FL, US
- I. PHILP, University of Sheffield, UK
- S. RATTAN, University of Aarhus, DK
- F. RENGO, University of Napoli, IT
- S. STUDENSKI, University of Pittsburgh, PA, US
- E. TOPINKOVA, University of Prague, CZ
- M. TRABUCCHI, University of Roma/Brescia, IT
- M. VISSER, VU University Medical Center, Amsterdam, NL
- M. ZAMBONI, University of Verona, IT

PURPOSE OF THE WORKSHOP

The demographic tendency to a progressive aging of the world populations has provided special meaning and interest to the different biological, medical, and psychological aspects related to the health and care of the elderly, and to the importance of a more spread geriatric culture in all physicians and health care practitioners.

Several of the most important aspects of the aging process, from the genetics of aging, the body composition modifications with age, the immunological and endocrine alterations, as well as nutritional problems, cardiac, brain, lung, bone physiopathology will be addressed with a multidisciplinary approach from a scientific and a practical point of view.

A special focus of our conference will be the session dedicated to discuss the sarcopenic obesity. It has been shown that body composition alters with age, with change in the distribution of fat, overall increase in fat, and loss of muscle. The question is whether these changes can occur in isolation and whether we can identify which changes are associated with health risk. Weight in old age appears to be related to increased risk of disability, but in many studies weight is inversely related to risk of death. How does this relate to body composition? Weight is a surrogate marker and may change over the lifetime in relation to a variety of factors. The major patterns will be discussed as well as the influences on the trajectories and how these differ over the lifespan. Thus, this course intends to be a useful and updated review for all the physicians and the professionals interested to provide quality health care to the elderly.

APPLICATIONS

Persons wishing to attend the Course should write to the Co-Director of the Workshop:

- Professore Mario BARBAGALLO
Cattedra di Geriatria
Università di Palermo
Via Del Vespro, 129
90139 PALERMO, Italy
Tel 39.091.6552885 – Fax 39.091.6552952
e-mail: mabar@unipa.it

specifying:

- i) full name(s), address, age, nationality;
- ii) academic qualifications, present position and affiliation and/or a short CV;
- iii) title and abstract of the contribution.

M. BARBAGALLO – L. BALDUCCI
M. BELVEDERE – R. BERNABEI – L. FERRUCCI
DIRECTORS OF THE WORKSHOP

POETIC TOUCH

According to legend, Erice, son of Venus and Neptune, founded a small town on top of a mountain (750 metres above sea level) more than three thousand years ago. The founder of modern history — i.e. the recording of events in a methodic and chronological sequence as they really happened without reference to mythical causes — the great Thucydides (~500 B.C.), writing about events connected with the conquest of Troy (1183 B.C.) said: «After the fall of Troy some Trojans on their escape from the Achaei arrived in Sicily by boat and as they settled near the border with the Sicilians all together they were named Elymi: their towns were Segesta and Erice.» This inspired Virgil to describe the arrival of the Trojan royal family in Erice and the burial of Anchise, by his son Enea, on the coast below Erice. Homer (~1000 B.C.), Theocritus (~300 B.C.), Polybius (~200 B.C.), Virgil (~50 B.C.), Horace (~20 B.C.), and others have celebrated this magnificent spot in Sicily in their poems. During seven centuries (XIII-XIX) the town of Erice was under the leadership of a local oligarchy, whose wisdom assured a long period of cultural development and economic prosperity which in turn gave rise to the many churches, monasteries and private palaces which you see today.

In Erice you can admire the Castle of Venus, the Cyclopean Walls (~800 B.C.) and the Gothic Cathedral (~1300 A.D.). Erice is at present a mixture of ancient and medieval architecture. Other masterpieces of ancient civilization are to be found in the neighbourhood: at Motya (Phoenician), Segesta (Elymian), and Selinunte (Greek). On the Aegadian Islands — theatre of the decisive naval battle of the first Punic War (264-241 B.C.) — suggestive neolithic and paleolithic vestiges are still visible: the grottoes of Favignana, the carvings and murals of Levanzo.

Splendid beaches are to be found at San Vito Lo Capo, Scopello, and Cornino, and a wild and rocky coast around Monte Cofano: all at less than one hour's drive from Erice.

More information about the «Ettore Majorana» Foundation and Centre for Scientific Culture can be found on the WWW at the following address:
<http://www.ccsem.infn.it>

- PLEASE NOTE
Participants must arrive on October 23, not later than 7 pm.

A. ZICHICHI
EMFCSC PRESIDENT AND DIRECTOR OF THE CENTRE