

ETTORE MAJORANA FOUNDATION AND CENTRE FOR SCIENTIFIC CULTURE

1963- 2023

60° ANNIVERSARY OF ACTIVITIES



TO PAY A PERMANENT TRIBUTE TO ARCHIMEDES AND GALILEO GALILEI, FOUNDERS OF MODERN SCIENCE
AND TO ENRICO FERMI, THE «ITALIAN NAVIGATOR», FATHER OF THE WEAK FORCES



INTERNATIONAL SCHOOL OF MEDICAL SCIENCES

1ST COURSE : SEX AND GENDER IN AGEING AND LONGEVITY

ERICE – TRAPANI - SICILY November, 7th-8th, 2023

“Paul Dirac” Lecture Hall (St. Domenico)



Università
degli Studi
di Palermo



Hybrid Program

C. CARUSO AND G. CANDORE
DIRECTORS OF THE COURSE

I. CARRECA AND A. ZICHICHI
DIRECTORS OF THE SCHOOL

A. ZICHICHI
DIRECTORS OF THE CENTRE

Gender medicine represents an important perspective for pathophysiological clinical studies in the third millennium. Gender medicine takes sexual dimorphism into account, and therefore studies the influence of sex, in the biological sense (linked to hormones and sex chromosomes), and of gender, in the social sense (linked to education and social conventions), on the existing differences, between men and women, in terms of disease prevention, manifestation of clinical signs, therapeutic approach, prognosis, psychological and social impact. The course aims to shed light on the complex interplay between biological factors (sex differences) and socially constructed factors (gender differences) in ageing and longevity.

Official Language of the Course: Italian-English. Slides Presentations in English. For information on in-person or remote participation, please send an email to calogero.caruso@unipa.it or giuseppina.candore@unipa.it. The applicants should provide the following information: Date and place of birth, nationality, present position and Institution.

November 7th

15:00-15:15 Registration of Attendees

15:15- 15:30 Authorities Greetings

15:30- 15:45 **Introductory Remarks**

Ignazio Carreca, Calogero Caruso, Giuseppina Candore, University of Palermo

15:45-16:15 **Chairpersons:** *Calogero Caruso, Giuseppina Candore*

Opening Lecture: Gender Medicine, a new paradigm

Giovannella Baggio, University of Padua

16:15-17.45 **Chairpersons.** *Calogero Caruso, Giuseppina Candore, University of Palermo*

1° Session

Autoimmunity, Giuseppina Candore, University of Palermo

Atopy, Danilo Di Bona, University of Foggia

Allergy, Gabriele Di Lorenzo, University of Palermo

Discussion

17:45-18:00 **Coffee Break**

18:00-19:30 **Chairpersons.** *Calogero Caruso, Giuseppina Candore, University of Palermo*

2° Session

Genetics, Claudio Franceschi, University of Bologna

Epigenetics, Annibale Puca, University of Salerno

Redoxomics in Aging and Neurodegenerative Disorders: from bench to clinics

Vittorio Calabrese, University of Catania

Discussion

November 8th

09:00-10:30 **Chairpersons.** *Giulia Accardi, Anna Aiello, University of Palermo*

3° Session

A biomarker approach: a new prospective for age-related diseases, Tiziana Bellini,

Maria Cristina Manfrinato, Valeria Raparelli, University of Ferrara

Frailty, Serena Dato, University of Calabria

Pro-Inflammatory Status, Jacek Witkowski, Gdansk Medical University

Discussion

10:30-10:45 **Coffee Break**

10:45-12:15 **Chairpersons.** *Giulia Accardi, Anna Aiello, University of Palermo*

4° Session

Immune Responses, Calogero Caruso, University of Palermo

COVID-19 Vaccination, Matteo Bulati, IRCSS ISMETT

Immunophenotype, Mattia Emanuela Ligotti, IRCSS ISMETT

Discussion

12:15-12:45 **Chairpersons:** *Calogero Caruso, Giuseppina Candore*

Closing Lecture: Consideration of sex and gender aspects in oncology

Ignazio Carreca, University of Palermo, Anna Paola Carreca, Rimed Foundation

12.45- 13:00 **Concluding Remarks**

Ignazio Carreca, Calogero Caruso, Giuseppina Candore, University of Palermo