



# 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 PHARMACOLOGY "GIAMPAOLO VELO"

*DIRECTORS: M. LINDQUIST, P. MINUZ, U. MORETTI*

### **NEW STRATEGIES IN THE PREVENTION OF NON-COMMUNICABLE DISEASES: FOCUS ON CARDIOVASCULAR AND METABOLIC DISORDERS**

**Erice, Italy, 8<sup>th</sup> - 12<sup>th</sup> September 2019**

**Course Directors: P. Minuz, R. Leone, C. Patrono**

**Scientific Committee: J. Armitage, C. Baigent, C. Borghi, C. Fava, C. Ferri,  
G.A. FitzGerald, A. Webb**

### **Programme of the Course**

#### **8<sup>th</sup> September 2019**

Arrival of participants

#### **9<sup>th</sup> September 2019**

09.00 **Welcome and Introduction to the Course**, Piero Minuz and Carlo Patrono

09.30-12.30 Session 1

#### **Dietary habits and nutrients in cardiovascular and metabolic disorders**

- Giovanni de Gaetano, Pozzilli, Italy "Factors defining life expectancy"
- Ramon Estruch, Barcelona, Spain "Intervention trials based on dietary regimens: the PREDIMED study"
- Andrew Webb, London, UK "Dietary nitrates and modulation of haemodynamics"
- Short Communications
- General Discussion

14.30-18.30 Session 2

#### **Overweight, sedentary habits and metabolic disorders as cardiovascular risk factors**

- Roberto Vettor, Padova, Italy "Obesity as a cardiovascular risk factor"
- Thomas Svensson, Tokyo, Japan and Malmo, Sweden "Prevention of cardiometabolic diseases at nationwide level: the Japanese experience"
- Filippo Crea, Rome, Italy "Is anti-inflammatory drug therapy still a viable option?"
- Claudio Borghi, Bologna, Italy "The role of hypertension-related dismetabolisms, from uric acid to LDL cholesterol"
- General Discussion

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### 10<sup>th</sup> September 2019

09.00-12.30 Session 3

#### **Diabetes pandemic: epidemiology, risk factors and prevention strategies**

- Angelo Avogaro, Padova, Italy "Recent cardiovascular outcome trials with antidiabetic agents"
- Francesco Cosentino, Stockholm, Sweden "2019 ESC/EASD guidelines for the management of diabetes mellitus and cardiovascular diseases"
- Kennedy Cruickshank, London, UK "Determinants and potential for reversing early vascular damage/arterial dysfunction beyond blood pressure from childhood to older age"
- Giuseppe Recchia, Smith Klein Foundation, Verona, Italy "Digital medicine and therapy in non-communicable diseases"
- Short Communications
- General Discussion

14.30-18.30 Session 4

#### **An update on the role of aspirin in the primary prevention of cardiovascular disease and cancer**

- Luis Garcia Rodriguez, Madrid, Spain "An update on the role of aspirin in the primary prevention of cancer: epidemiological studies"
- Paola Patrignani, Chieti, Italy "Mechanism of action of low-dose aspirin in the chemoprevention of colorectal cancer"
- Colin Baigent, Oxford, UK "Aspirin for the primary prevention of atherosclerotic cardiovascular disease"
- General Discussion
- Special Lecture, Garret FitzGerald, Philadelphia, USA "Circadian clocks and metabolism: Implications for microbiome and ageing"

### 11<sup>th</sup> September 2019

09.00-12.30 Session 5

#### **Hypertension: epidemiology, risk factors and prevention strategies**

- Simona Giampaoli, Rome, Italy "Population-based disease monitoring/epidemiology and secular trends of hypertension"
- Claudio Ferri, L'Aquila, Italy "Cardiovascular risk in ageing hypertensive patients"
- Enrico Agabiti Rosei, Brescia, Italy "Optimal treatment of hypertension: focus on combination treatments"
- Philip Chowienzyk, London, UK "Hypertensive heart failure - a new paradigm"
- Short Communications
- General Discussion



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14.30-18.30 Session 6

### **The contribution of air pollution, inflammation and multiple risk factors to cardiovascular diseases**

- Elena Fattore, Milan, Italy "Air pollution and cardiovascular risk: epidemiologic data"
- Christopher Floyd, London, UK "Mechanisms linking air pollution to cardiovascular events"
- Albert Ferro, London, UK "Inflammation and atherothrombosis: a *hot* paradigm shift"
- Short Communications
- General Discussion

**12<sup>th</sup> September 2019**

09.00-12.30 session 7

### **Pharmacological strategies to reduce residual cardiovascular risk in secondary prevention**

- Bianca Rocca, Roma, Italy "Intensifying antithrombotic therapy"
- Maurizio Averna, Palermo, Italy "Intensifying LDL-lowering therapy"
- Carmine Savoia, Roma, Italy "Optimizing blood pressure lowering"
- General Discussion

Departure of participants

*Our thanks to the University of Verona*