



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

DIRECTOR: G.P.VELO

COURSE ON NUTRACEUTICALS

Organizing Committee:

- Pietro Minuz, full professor of Internal Medicine, University of Verona (Italy)
- Giampaolo Velo, formerly full professor of Pharmacology, University of Verona and director at International School of Pharmacology, Ettore Majorana Foundation and Centre for Scientific Culture, Erice, Trapani (Italy)
- Francesco Violi, full professor of Internal Medicine, La Sapienza University of Rome (Italy)

Site:

Ettore Majorana Foundation and Centre for Scientific Culture, Erice, Trapani (Italy)
International School of Pharmacology

Dates:

Arrival on 26th September 2015, scientific sessions from 27th to 29th September, departure on 30th September 2015

Aim of the Course:

Nutraceuticals are nutritional products that provide health and medical benefits, including the prevention and treatment of diseases. The term nutraceutical is being commonly used in marketing but has no regulatory definition. As a matter of fact, these compounds are commonly considered as food products and their number seems to be unlimited. From a scientific point of view, this field of research may therefore appear rather confused or unclear. On the other hand, though, scientific and social interest in promoting health through the exploitation of the pharmacodynamic effects of nutrients and ultimately of healthy diets originated high quality observational and intervention studies, which opened an entirely new perspective in the prevention and treatment of human diseases. The aim of the proposed Course is to gather influential researchers for a review of the most recent research on nutraceuticals including cardiovascular diseases and other degenerative disorders. An in depth analysis of the most common nutritional products, their mechanisms of action, their biological properties and the capacity in preventing or controlling diseases will be offered to the young scientists who will take part to the course as "students".

Participation:

A total number of 60 participants has been foreseen. The cost of the Course is € 400.- which includes the participation to the course, airport transfers in Sicily and living expenses in Erice. We are pleased to inform that we are able to offer scholarships of 300.- Euro each to 30 students, which will cover a substantial part of the cost of the Course. The remaining part (100.- Euro) shall be paid locally.

For information and registration please contact the Secretariat of the International School of Pharmacology at the following e-mail: hayleylouise.salt@univr.it

EMFCSC Secretariat: Via Guarnotta 26 - 91016 Erice (TP) Italy - Tel. 0923 869133 - Fax 0923 869226 - E-mail: hq@ccsem.infn.it

International School of Pharmacology Secretariat: Section of Pharmacology - University of Verona - P.le L. Scuro 10 - 37134 Verona (VR) Italy

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SCIENTIFIC PROGRAMME

Jeffrey K. Aronson (Oxford, UK) - *Definitions*

Hervé Lelouet (Paris, France) - *European approach of risk management planning*

BASIC RESEARCH

Linda Avesani (Verona, Italy) - *Molecular farming – lessons learned for autoimmune diseases*

Orina Belton (Dublin, Ireland) - *Resolution of inflammation and atherosclerosis- a focus on conjugated linoleic acids*

Eugenio Butelli (Norwich, UK) - *The benefits of a colourful diet*

Fiorella Casamenti (Firenze, Italy) - *Oleuropeinaglycone efficacy against Alzheimer's disease: an advanced biological preclinical investigation*

Salvatore Cuzzocrea (Messina, Italy) - *Nutraceutical agents: role in neuroinflammation and neurodegeneration*

Julian Ma (London, UK)- *Nutritional pharmaceuticals? Be careful what you wish for...*

Nicholas Moore (Bordeaux, France) - *News from Tartary: medicines from the Silk Road*

Tiziana Pandolfini (Verona, Italy) - *Plant peptides targeted to human receptors*

CLINICAL INVESTIGATION

Francesco Angelico (Roma, Italy) - *The role of nutraceuticals for the prevention and treatment of non alcoholic fatty liver disease*

Claudio Borghi (Bologna, Italy) - *The nutraceutical approach to blood pressure control: from populations to hypertensive patients*

Giovanni Davì (Chieti Scalo, Italy) - *Nutraceuticals and diabetes mellitus*

Albert Ferro (London, UK) - *Chinese herbal medicines: science vs myth*

Desmond Fitzgerald (Dublin, Ireland) - *Milk-derived bioactive peptides inhibit human 3 endothelial-monocyte interactions via PPAR- γ 4 dependent regulation of NF- κ B*

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Elmo Mannarino (Perugia, Italy) - *The role of nutraceuticals in the treatment of the elderly patient at cardiovascular risk*

Francesco Violi (Roma, Italy) - *Polyphenols and cardiovascular disease*

Andrew Webb (London, UK) - *It is rocket science: why dietary nitrate is hard to beet!*

EPIDEMIOLOGY

Lina Badimon (Barcelona, Spain) - *Systems biology approaches to understand the effects of nutrition and promote health*

Chiara Cerletti (Pozzilli, Isernia, Italy) - *Orange or mais-derived anthocyanins: data from Flora and Athena EU projects*

Giovanni deGaetano (Pozzilli, Isernia, Italy) - *Mediterranean diet, dietary polyphenols and low-grade inflammation: results from the Moli-sani study*

Ramon Estruch (Barcelona, Spain) - *Prevention of cardiovascular disease with traditional Mediterranean diet*

Domenico Palli (Firenze, Italy) - *Diet and cancer epidemiology: from research to prevention*

ROUND TABLE: FUTURE DEVELOPMENTS

Giampaolo Velo and Francesco Violi



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