

BIOTECHNOLOGY AULARIUM

Via Tommaso De Amicis, 95
Naples, October 28, 2022

SPONSOR



OXIDATIVE STRESS, NUTRACEUTICALS, AND FUNCTIONAL FOOD: FROM HUMANS TO ANIMALS

ROUND TABLE - IV ED.

With the Contribution of the University of Naples
Federico II

Under the Patronage of:



Since ancient times, humans have paid particular attention to nutrition, attributing health and medicinal properties to it.

Hippocrates, who lived 2400 years ago, proclaimed: "Let food be your medicine and medicine be your food", noting how much nutrition plays a key role in determining the quality and length of life.

However, it dates back to 1534 BC. a document from ancient Egypt that first reported the beneficial effects of the garlic plant, used to treat cardiovascular disorders, parasites and infections, confirmed by modern science and attributed to one of its components, allyl sulphide, a powerful antioxidant and bactericide.

Research on nutraceuticals and functional foods is very careful and active, especially in light of the benefits given by their antioxidant, anti-inflammatory, detoxifying, anticancer, antimicrobial and antiviral, anti-inflammatory, antihypertensive, hypocholesterolemic capacities.

Therefore, nutraceuticals and functional foods present themselves as interesting tools for achieving the goal of optimized nutrition.

The title "Oxidative Stress, Nutraceuticals, and Functional Food: from Humans to Animals" was therefore chosen for the relevance of these issues and to promote the health and well-being of humans and animals, under the aegis of One Health, through a conscious and sustainable use of natural resources, such as plants and their products: this is the challenge we must face in this century.



PROGRAM

8.30: Registration of participants

9.00: Greetings

Matteo Lorito - Rector of University of Naples Federico II

Giuseppe Cringoli - President of School of Agriculture and Veterinary Medicine University of Naples Federico II

Giuseppe Campanile - Member of Administration Board of University of Naples Federico II

Aniello Anastasio - Director of Department of Veterinary Medicine and Animal Production, University of Naples Federico II

Laura Rinaldi - Head of the International Relations Commission of Department of Veterinary Medicine and Animal Production, University of Naples Federico II

Arrigo F.G. Cicero - President of SINut
9.30 - 11.00

Chairmen: **Alessandro Fioretti, Orlando Paciello**

Immacolata De Vivo

Harvard Medical School, Boston, MA, USA

CAFFEINE AND UTERINE CANCER

Lucio Miele

LSU School of Medicine, Department of Genetics, New Orleans, LO, USA

THE NPH STUDY: PRECISION NUTRITION STUDY POWERED BY THE NIH'S ALL OF US RESEARCH PROGRAM

Discussion

11.00: Coffee break

11.20 - 13.00

Chairmen: **Luigi Avallone, Francesca Pentimalli**

Eugenio Luigi Iorio

International Observatory of Oxidative Stress, Salerno, Italy

REDOX BIOLOGY. THE LAST CHALLENGE OF LIFE SCIENCES

Daniela Barone - Istituto Nazionale Tumori, IRCCS-Fondazione Pascale, Naples

Antonio Giordano

Sbarro Institute for Cancer Research and Molecular Medicine, Philadelphia, PA, USA - Temple University, Philadelphia, PA, USA

THE VIRTUES OF TOMATO: EMERGING ROLE ON HEALTH

Giuseppe Russo

President of Nemeton Onlus Association, Naples

ONE HEALTH: INTEGRATION OF CARE SKILLS

Discussion

Participation at the event is free but, for organizational reasons, registration is required at the following email address: vetroundtable22@libero.it

Participants will receive a certificate of participation if requested.

How to get Biotechnology:

*Exit "Zona Ospedaliera" of the Tangenziale, direction "Policlinico". After Via Pietravalle, turn right (Via Tommaso D'Aquino) and Biotechnology is on the left.
By Metro Line 1: exit "Policlinico". 200 m on left you can find Biotechnology.*

FACULTY:

Luigi Avallone - Department of Veterinary Medicine and Animal Production, University of Naples Federico II

Alessandro Fioretti - Department of Veterinary Medicine and Animal Production, University of Naples Federico II

Orlando Paciello - Department of Veterinary Medicine and Animal Production, University of Naples Federico II

Francesca Pentimalli - LUM University

SCIENTIFIC ORGANIZATION

Francesca Ciani

Natascia Cocchia

Danila d'Angelo

Claudia Gatta

Lucianna Maruccio

Francesco Napolitano

Luigi Sacchettino

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