

Conference Topics

- *Inflammation mechanisms*
- *Functional foods and nutraceuticals*
- *Nutrigenomics*
- *Bioactive compounds in foods*
- *Diet and diabetes*
- *Diet and cardiovascular diseases*
- *Diet and obesity*
- *Diet and health*

Further information:

ACCOMMODATION:

Turismo Express Tourist & Travel Agency
Via A. Costa 8/D, 28100 Novara

Tel. 0039-0321-624840
Fax 0039-0321-397417

In order to secure an accommodation suiting your needs and wishes, you are encouraged to book as soon as possible, sending an email to:

info@turismoexpress.net

CONTACT INFORMATION:

Technical and scientific questions:
nutrisci2013@pharm.unipmn.it

Event co-supported by:



A two-days advanced course which focuses on the discussion about the interplay between nutrition and diseases...

A NutriAI Network Project
event
funded by:



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Venue:

Aula Magna of
Dipartimento di Scienze
del Farmaco

Università degli Studi del Piemonte
Orientale A. Avogadro
Largo Donegani 2, 28100
NOVARA (Italy)

GPS coordinates: 45°25'58.65" N
8°38'18.08" E



NU.TRI.SCI. 2013

May 24-25, 2013

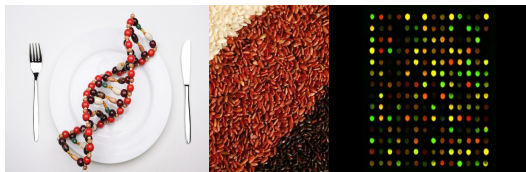
NOVARA (ITALY)

*International School for
PhD Students*

**MOLECULAR BASES OF
INTERPLAY BETWEEN
NUTRITION AND
INFLAMMATION: A KEY ROLE
ON CARDIOVASCULAR
DISEASES, DIABETES AND
OBESITY**



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INVITATION

Functional Foods, Nutraceuticals, Nutrigenomics and inflammation: there is a leitmotif?

Understanding of human nutrition has followed developments in the sciences, primarily chemistry, biochemistry and physiology. In the 19th century, Liebig recognized that the human body oxidizes carbohydrates, proteins and fats, and calculated their energy values. Today, the chemical and biological characterization of so called “functional foods” is a key topic in food science worldwide. Genes and nutrition will be target of on-going research, and the concept of “personalized diet” is a crucial step in healthy nutrition and human health. Nu.Tri.Sci. idea concerns an interdisciplinary approach for the study of food bioactive substances. An interesting challenge for all the scientists involved on “nutrition and health”.

The 2013 School:

The knowledge on relationships between inflammation and nutrition is a key target for every scientist involved in food science, nutrition, cardiovascular diseases, diabetes, metabolic syndrome and obesity. The aim of the School is to give a **comprehensive picture on new highlights about interplay among bioactive compounds in the diet, inflammation and diseases**, considering chemical, biotechnological, clinical and nutrigenomics approaches.

On behalf of the Organizing Committee

Marco Arlorio

NU.TRI.SCI. 2013
A NutriAI Network Event

Organizing Committee

Marco Arlorio (IT) Chair
Jean Daniel Coisson (IT)
Fabiano Travaglia (IT)

Scientific Committee

Giovanni Appendino (IT)
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Secretariat

Matteo Bordiga (IT)
Elisabetta Cereti (IT)
Cristiano Garino (IT)
Monica Locatelli (IT)

Keynote Lectures

Giovanni APPENDINO (Dip. di Scienze del Farmaco, UPO Avogadro, IT)

Food trigeminality and inflammation: the spicy road to health

Sandra BRUNELLESCHI (Dip. Scienze della salute, UPO Avogadro, IT)

Food bioactive components modulate monocyte/macrophage responsiveness

A. J. DAY (University of Leeds, UK)

Bioavailability of bioactive flavonoids from foods: impact on cardiovascular health

Monica LOCATELLI (Dip. di Scienze del Farmaco, UPO Avogadro, IT)

Cocoa and chocolate: phenolic content, antioxidant capacity and anti-inflammatory properties

Alberto MINASSI (Dip. Scienze del Farmaco, UPO Avogadro, IT)

Benefit of curcumin on diabetes: from chemistry to nutraceutical perspectives

Ben van OMMEN (Netherlands Metabolomics Centre, Leiden, NL)

Nutrigenomic and metabolomic: key strategies to highlight interplay between nutrition and inflammation

Flavia PRODAM (Dip. di Medicina Traslazionale, UPO Avogadro, Novara, IT)

Vitamin D deficiency in childhood: from type 1 diabetes to obesity comorbidities

Antonio SICA (Dip. Scienze del Farmaco, UPO Avogadro, Novara, IT)

Interplay between inflammation and metabolism: relevance in disease

Linda WILLIAMS (Rowett Institute of Nutrition and Health, University of Aberdeen, UK)

The breakdown of hypothalamic energy balance in diet induced obesity

Language

The official language of the Congress will be English.

Registration fees (Bank Transfer)

PhD Student: Euro 80
Others: Euro 180

At the venue (only cash)

PhD Student: Euro 100
Others: Euro 200

Registration fee for participants will include: documentation (Abstracts of lectures), admission to scientific sessions, coffee breaks, lunch).

**A MAXIMUM OF 100 REGISTRATIONS
WILL BE ADMITTED!**

REGISTRATION

IATOMed free s.r.l.

Tel. 0039-0328-6885484

e-mail: segreteria@iatomed.it

Please, fill the registration form on the web site

<http://www.iatomed.it/>

send the form via web-site or as pdf copy to the mail address

segreteria@iatomed.it

PAYMENT

Payments of the registration fee can be made by Bank Transfer to:

IATOMed free s.r.l.

**BANCA POPOLARE SOCIETA' COOPERATIVA
AGENCY Cameri (NO, ITALY)**

IBAN: IT05X0503445250000000020246

Reference: NUTRISCI2013

Owner of the account: IATOMed free s.r.l.

A copy of the bank transfer form must be submitted to the e-mail address:

segreteria@iatomed.it