



advances in nutrition and cancer

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Istituto Nazionale Tumori IRCCS Fondazione
"Giovanni Pascale" Napoli

CROM Centro di Ricerche Oncologiche Mercogliano

ARFACID Onlus

Associazione di Solidarietà Sociale
e di Promozione
degli Studi sul Cancro,
l'Invecchiamento
e le Malattie Degenerative

**Dipartimento
di Biochimica e Biofisica
Dipartimento
di Patologia Generale**

Facoltà di Medicina e Chirurgia
Seconda Università degli Studi di Napoli

**Dipartimento di Medicina
Clinica e Sperimentale
Dipartimento
di Endocrinologia ed Oncologia
Molecolare e Clinica**

Facoltà di Medicina e Chirurgia
Università degli Studi di Napoli Federico II

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per la Lotta
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Società Italiana
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Società Italiana
di Cancerologia

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AIMS OF THE MEETING

1. To illustrate research projects on nutrition and cancer focused on molecular biology, genetics and molecular epidemiology;
2. To provide a forum for discussion among international experts on nutrition and cancer;
3. To provide educational guidelines on nutrition and cancer in Italy and throughout Europe;
4. To propose novel strategies for chemoprevention as well as molecular epidemiology and dietary intervention programs;
5. To facilitate discussion with national and regional governments on problems related to nutrition and cancer.

OPENING CEREMONY

Aula Magna Università "Federico II"

Via Partenope, 36 - Napoli

MONDAY MAY 21

Chairpersons: **V. Zappia** and **A. Pedicini**
Moderator: **E. Corsi**

- 4:00 pm Welcome Addresses by Academic and Political Authorities
- 4:30 pm Nutrition and cancer: an overview
E. Riboli London, UK
- 5:30 pm Awarding the "Aesculapius Medal for Cancer Research"
- 6:00 pm Concert "Sounds from tradition"
Terra Terra Group and Polyphonic Ensemble
Associazione Musicale Agraria - AMA
- 7:00 pm Get Together Cocktail

A service of simultaneous translation will be provided

SCIENTIFIC SESSIONS

Aula "Romolo Cerra", Istituto Nazionale Tumori Fondazione "Giovanni Pascale"

Via M. Semmola - Napoli

TUESDAY MAY 22

9:00 am / 4:00 pm Registration

SESSION 1: LIFE STYLE, DIET AND CANCER

- Chairpersons: **F. Salvatore** Naples, IT
A. Howell Manchester, UK
- 9:30 am Obesity, physical activity and cancer
S.D. Hursting Austin, USA
- 10:00 am Fruit and vegetables and cancer risk
T. Norat London, UK
- 10:30 am Coffee break
- 11:00 am Aging, rapamycin, caloric restriction and cancer
M.V. Blagosklonny Buffalo, USA
- 11:30 am Alcoholic beverages and carbonated soft drinks: consumption and cancer risks
R. Cuomo Naples, IT
- 12:00 pm Cancer prevention and antiangiogenesis with diet derived molecules
A. Albini Milan, IT
- 12:30 pm Lunch

SESSION 2: HOT TOPICS IN DIET AND CANCER

- Chairpersons: **G. Oriani** Campobasso, IT
S.D. Hursting Austin, USA
- 2:15 pm Diet, inflammation and prostate cancer: emerging insights
W.G. Nelson Baltimore, USA
- 2:45 pm Vitamin D in cancer prevention: an open question
D. Albanes Bethesda, USA
- 3:15 pm Selenium and cancer
J.E. Hesketh Newcastle, UK
- 3:45 pm New perspective for an old antidiabetic drug: metformin as anticancer agent
A. Budillon Naples, IT
- 4:15 pm Coffee break
- 4:40 pm

ROUND TABLE LIFE STYLE PREVENTION OF CANCER RECURRENCE: THE YIN AND THE YANG

- Chairpersons: **F. Berrino** Milan, IT
S. De Placido Naples, IT
- S. Panico** Naples, IT
D. Albanes Bethesda, USA
A. Howell Manchester, UK

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WEDNESDAY MAY 23

SESSION 3: GENETICS AND EPIGENETICS

- Chairpersons: **G. Paolisso** Naples, IT
M.V. Blagosklonny Buffalo, USA
- 9:30 am Models in studies on epigenetics, nutrition and cancer
P. Vineis London, UK
- 10:00 am Learning from nature: multiple epigenetic approaches to fight cancer
L. Altucci Naples, IT
- 10:30 am Coffee break
- 11:00 am Dietary epigenetics and cancer prevention
T.O. Tollefsbol Birmingham, USA
- 11:30 am Nutrition in early life and risk of cancer
K.A. Lillycrop Southampton, UK
- 12:00 pm Lunch

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LUNCH SEMINAR SPONSORED BY ROCHE SPA

Chairpersons: **P. Galletti** Naples, IT
G. Irace Naples, IT

1:00 pm Novel approaches in melanoma prevention and therapy
P.A. Ascierto Naples, IT

SESSION 4: NATURAL DIETARY MOLECULES AND CANCER

Chairpersons: **F. Ciardiello** Naples, IT
P. Vineis London, UK

2:15 pm Nutriomes and nutrient arrays - the key to personalized nutrition for DNA damage prevention, telomere maintenance and cancer growth control?
M. Fenech Adelaide, AU

2:45 pm Phytochemicals in cancer prevention and therapy
M. Diederich Luxembourg, LU

3:15 pm Resveratrol from basic studies to bedside
F. Della Ragione Naples, IT

3:45 pm Coffee break

4:00 pm Pleiotropic effects of quercetin against cancer
G.L. Russo Avellino, IT

4:30 pm Sulforaphane as a promising molecule for fighting cancer
P. Hrelia Bologna, IT

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THURSDAY MAY 24

SESSION 5: NEW EMERGING BREAKTHROUGHS The "omics" approach: methodological and cost analysis

Chairpersons: **M. Caraglia** Naples, IT
M. Fenech Adelaide, AU

9:30 am The human microbiome project in cancer
J.W. Lampe Seattle, USA

10:00 am Epigenomics: emerging technologies in cancer prevention and treatment
H. Stunnenberg Nijmegen, NL

10:30 am Metabolomics: a tool for anticancer lead-finding from natural products
R. Verpoorte Leiden, NL

11:00 am Coffee break

11:30 am Concluding Remarks
R. Saracci Pisa, IT

12:30 pm Lunch

SATELLITE MEETING OLIVE OIL IN HEALTH AND DISEASE Centro Ricerche Oncologiche Mercogliano (CROM) Via Ammiraglio Bianco - Mercogliano (Avellino) **FRIDAY MAY 25**

Chairpersons: **E. Riboli** London, UK
M. Diederich Luxembourg, LU

9:30 am Introduction
M. Mancini Naples, IT
G.L. Russo Avellino, IT

10:00 am Olive oil and other dietary lipids in breast cancer
E. Escrich and
M. Solanas Barcelona, ES

10:20 am Mediterranean diet, olive oil and prevention of cardiovascular disease
D. Lairon Marseille, FR

10:40 am Natural antioxidants and carcinogenesis
S. Costantini Mercogliano, IT

11:00 am Hydroxytyrosol and cyclosporine nephrotoxicity
C. Manna Naples, IT

11:20 am Coffee Break

Chairpersons: **R. Saracci** Pisa, IT
T. Norat London, UK

11:30 am Extra virgin olive oil and longevity
A. Trichopoulou Athens, GR

11:50 am Mediterranean dietary pattern and chronic diseases
S. Panico Naples, IT

12:10 pm Olive oil and redox system
G. Pagano Avellino, IT

12:30 pm Extra virgin olive oil: from composition to molecular gastronomy
R. Sacchi Naples, IT

1:00 pm Lunch and Oil Testing

ROUND TABLE CAMPANIA EXTRA VIRGIN OLIVE OIL: REDISCOVERING TASTE AND TRADITION

Chairpersons: **L. Gambacorta** Naples, IT
R. Sacchi Naples, IT

With the participation of: local and regional government representatives, stakeholders of consumer associations, producers, gastronomists and the press.