

## GENERAL INFORMATION

### Local Scientific Reference

Department of Bio-medical Sciences, General Pathology & Oncology Section - University of Catania - Via Androne, 83 - 95124 Catania, Italy

- Massimo Libra                      mlibra@unict.it  
- Lucia Malaguarnera              lucmal@uncit.it  
- Grazia Malaponte                g.malaponte@unict.it  
- Maria C. Mazzarino              clomazza@unict.it  
- Ferdinando Nicoletti            ferdinic@unict.it  
- Salvatore Trivali                 stravali@unict.it

### Registration

Registration must be received by the symposium secretary via email at [legatumoricatania@libero.it](mailto:legatumoricatania@libero.it) no later than September 15, 2012. There will be **no registration fees** for the participants.

### Symposium site

Museo Diocesano, Piazza Duomo, 8 - Catania, Italy. It is located in the center of Catania, 3 km from the airport. From the airport you may easily reach the symposium site and/or the hotels by taxi. Catania enjoys good weather conditions during this period. Average temperature 23°C.

### Hotel Symposium

Il Principe Hotel  
Via Alessi, 24 - 95124 Catania, tel. 095 2500345.

### Highlights of Catania

For detailed information, please visit the suggested websites listed below or ask to Symposium Secretariat:  
<http://www.bestofsicily.com/catania.htm>  
<http://www.geoetnaexplorer.it/>

### Symposium Secretariat

Lega Italiana per la Lotta contro i Tumori - Sezione di Catania c/o Department of Bio-medical Sciences, University of Catania, Address: Via Androne, 83 - 95123 Catania; Italy Phone: +39 095 313429; Fax: +39 095 315257; Email: [legatumoricatania@libero.it](mailto:legatumoricatania@libero.it)

## SPEAKERS AND CHAIRPERSONS

GUSTAVO BALDASSARRE - *Division of Experimental Oncology 2, CRO-IRCCS, National Cancer Institute, Aviano, Italy*  
ALBERTO BARDELLI - *Institute for Cancer Research & Treatment, Candiolo, Turin, Italy*  
SILVIA CAGGIA - *Winner of the Margaret Foti Award 2012*  
ANTONINO CARBONE - *Division of Pathology, CRO-IRCCS, National Cancer Institute, Aviano, Italy*  
PAOLO DE PAOLI - *Scientific Direction, National Cancer Institute, CRO-IRCCS, Aviano, PN, Italy*  
MARCO DONIA - *School of Oncology - University of Catania, Catania, Italy*  
MARGARET FOTI - *CEO - American Association for Cancer Research, Philadelphia, PA, USA*  
ANNUNZIATA GLOGHINI - *Department of Pathology, National Cancer Institute, INT, IRCCS, Milan, Italy*  
MASSIMO LIBRA - *Department of Bio-medical Sciences, University of Catania, Catania, Italy*  
ROBERTA MAESTRO - *Division of Experimental Oncology 1, CRO-IRCCS, National Cancer Institute, Aviano, Italy*  
DAVID B. SOLIT - *Memorial Sloan-Kettering Cancer Center, NYC, NY, USA*  
SANDRA MARMIROLI - *Department of Anatomy and Histology, University of Modena & Reggio Emilia, Modena, Italy*  
ALBERTO MARTELLI - *Department of Human Anatomy, Cellular Signalling Laboratory, University of Bologna, Bologna, Italy*  
MARIA CLORINDA MAZZARINO - *Department of Bio-medical Sciences, University of Catania, Catania, Italy*  
JAMES A. MCCUBREY - *Department of Microbiology & Immunology, East Carolina University, Greenville, NC, USA*  
MICHELE MILELLA - *National Cancer Institute, Regina Elena, IRCCS, Rome, Italy*  
FERDINANDO NICOLETTI - *Department of Bio-medical Sciences, University of Catania, Catania, Italy*

### DOCTORAL THESIS ADVISORY COMMITTEE MEMBERS FOR THE MARGARET FOTI AWARD 2012

VERA CARDILE - *Department of Bio-medical Sciences, University of Catania, Catania, Italy*  
GRAZIA MALAPONTE - *Department of Bio-medical Sciences, University of Catania, Catania, Italy*  
AURORA SCALISI - *Secondary Prevention and Screening Gynecological Unit, ASP, Catania, Italy*  
RENATO TALAMINI - *Unit of Epidemiology and Biostatistics, CRO-IRCCS, National Cancer Institute, Aviano, Italy*  
SALVATORE TRAVALI - *Department of Bio-medical Sciences, University of Catania, Catania, Italy*

The symposium organizers gratefully acknowledge the generous support and participation of the following institutions and companies:



UNIVERSITY OF CATANIA  
Department of Bio-medical Sciences  
International Doctoral Program in Oncological Sciences



Italian League Against Cancer  
Section of Catania



National Cancer Institute  
IRCCS - Aviano

## MARGARET FOTI SCHOLAR-IN-TRAINING AWARD CEREMONY 2012

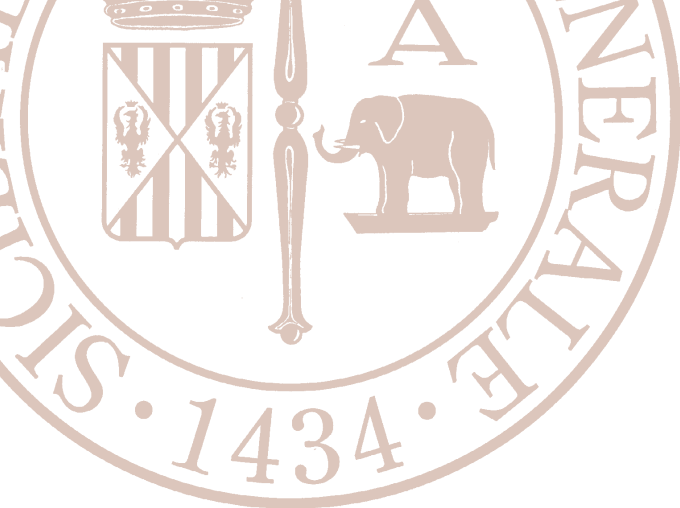
## & Symposium on: STRATEGIES FOR TARGETING THE BRAF AND PI3K PATHWAYS IN HUMAN CANCER

CATANIA  
October 5, 2012

Museo Diocesano, Sala Pinacoteca  
Piazza Duomo, 8



Stampa:  
Tipografia dell'Università  
Catania



**Catania, October 5, 2012**

Museo Diocesano, Sala Pinacoteca

**8:45 am Opening Ceremony**

Welcoming Remarks

ANTONINO RECCA

*Rector of the University of Catania*

GIANNA TEMPERA

*Head of the Department of Bio-medical Sciences, University of Catania*

ANTONIO LICATA

*Coordinator of the International Doctoral Program in Oncological Sciences, University of Catania*

GIOS BERNARDI

*President Emeritus of Pezcoller Foundation, Trento, Italy*

CARLO ROMANO

*President of the Italian League Against Cancer of Catania*

**9:15 am Introduction**

FERDINANDO NICOLETTI

*Director of the School of Oncology, University of Catania*

**9:30 am Lecture**

**Essential Elements for Progress Against Cancer - Leadership, International Collaborations, and Funding**

MARGARET FOTI - CEO

*American Association for Cancer Research*

*Philadelphia, PA, USA*

**THIRD MARGARET FOTI  
SCHOLAR-IN-TRAINING AWARD**

The "Margaret Foti" Award, is annually launched by the University of Catania that, through a rigorous selection process, will select an outstanding postdoctoral candidate who has completed his/her doctorate in oncological sciences at the University of Catania and has developed a research in the field of translational oncology. The winner will receive funds from the Italian League Against Cancer of Catania in the form of a "Young Investigator Scholar-in-Training" Travel Award to attend the American Association for Cancer Research Annual Meeting.

**10:00 am Third Margaret Foti Scholar-in-Training Award:  
Proclamation of the Winner**

MARGARET FOTI

**10:05 am Presentation of the Best Doctoral Thesis**

V. CARDILE, G. MALAPONTE, A. SCALISI, R. TALAMINI,  
S. TRAVALI

*Doctoral Thesis Advisory Committee Members for the  
Margaret Foti Award 2012*

**10:10 am Transcription Factors Involved in the Genesis  
and Progression of Cancer, Differently Modu-  
lated By Transforming Growth Factor Beta3 in  
Prostate Cell Lines**

SILVIA CAGGIA

*Winner of the Margaret Foti Award 2012*

**10:20 am Partnership of Oncology School, University of  
Catania & CRO-IRCCS, National Cancer Institute,  
Aviano**

PAOLO DE PAOLI

*Scientific Director of the National Cancer Institute, CRO-  
IRCCS, Aviano, PN, Italy*

**Recipients of the Career Award for Oncology  
Education**

FRANCA STIVALA

*Director of the Oncology School*

ANDREA VERONESI

*Head of Medical Oncology Division & in Charge of Training  
Activities*

**10:30 am Coffee Break**

**SYMPOSIUM ON  
STRATEGIES FOR TARGETING THE BRAF  
AND PI3K PATHWAYS IN HUMAN CANCER**

This symposium summarizes significant advances that have been made recently in specific targeting of genes implicated in the neoplastic transformation of both solid and hematological cancers. BRAF and PI3K pathways are deregulated in several human cancers. The effects of their deregulation in cancer cells have been investigated on sensitivity/resistance to chemotherapy with the ultimate goal of therapeutic target discovery. In the past few years many novel small molecule inhibitors have been developed and analyzed at the preclinical and clinical stages of investigation. Currently, some inhibitors are now being used to treat patients with cancer: such as chronic myelogenous leukemia, melanoma, breast cancer, papillary thyroid cancer, colorectal cancer, lung cancer, hepatocellular carcinoma, renal cell carcinoma and others. Thus, cancer therapy has progressed from radio-and chemo-therapies to a stage where specific molecules are targeted to eliminate the cancer.

**I Session - Chairpersons**

MASSIMO LIBRA - *Catania, Italy*

ROBERTA MAESTRO - *Aviano, Italy*

**10:45 am Opening Lecture**

**Genomic Complexity and AKT/mTOR Dependence**

DAVID B. SOLIT - *NYC, NY, USA*

**11:15 am Targeting PI3K/AKT signaling in T-cell acute  
lymphoblastic leukemia**

ALBERTO MARTELLI - *Bologna, Italy*

**11:40 am Oncogenic signaling pathways: biomarkers in  
diffuse large B-cell lymphomas**

ANNUNZIATA GLOGHINI - *Milan, Italy*

**12:05 pm Combined targeting of aberrant PI3 Kinase/AKT  
activity and metabolic alterations for blood can-  
cer treatment**

SANDRA MARMIROLI - *Modena, Italy*

**12:30 pm Discussion**

**1:00 pm Lunch**

**II Session - Chairpersons**

ALBERTO BARDELLI - *Turin, Italy*

ANTONINO CARBONE - *Aviano, Italy*

**2:30 pm Targeting the Raf/MEK/ERK and PI3K/PTEN/  
Akt/mTOR Pathways in Human Cancers and  
Cancer Initiating Cells**

JAMES A. MCCUBREY - *Greenville, NC, USA*

**2:55 pm Mechanisms of Resistance to EGFR Targeted  
Therapies in Colorectal Cancer**

ALBERTO BARDELLI - *Turin, Italy*

**3:20 pm Beyond single pathway inhibition: MEK inhibition-  
based lateral and vertical combination strategies  
to achieve synergistic anti-tumor activity**

MICHELE MILELLA - *Rome, Italy*

**3:45 pm Activity of p70<sup>S6K</sup> drives local relapse in breast  
cancer**

GUSTAVO BALDASSARRE - *Aviano, Italy*

**4:10 pm Lecture Sponsored by OncoNOx**

**The significance of basic research in drug  
development**

FERDINANDO NICOLETTI - *Catania, Italy*

**4:35 pm New melanoma therapeutics to improve adoptive  
T cell therapy - potential synergism of combination  
with BRAF inhibitors and cytokines**

MARCO DONIA - *Catania, Italy*

**5:00 pm Discussion**

**5:30 pm Concluding Remarks**

MARIA CLORINDA MAZZARINO - *Catania, Italy*