

# 25<sup>th</sup> ANNIVERSARY

Fondazione Piemontese  
per la Ricerca sul Cancro ONLUS

## CELEBRATION



## THE BIOLOGY OF CANCER

### Oncogenes and Microenvironment

Oncogenic mutations initiate the modifications leading to cancer onset. However, cancer mass incorporates other cells (stroma) that deeply influence cancer behavior. Since the beginning, the “Fondazione Piemontese per la Ricerca sul Cancro-ONLUS” has actively supported research activities focused on the role of oncogenes and angiogenesis in tumor progression. Now it strongly believes that deciphering the dynamic circuits occurring between tumor and stroma represents a cutting edge in oncology and is necessary to enable personalized cancer medicine.

To celebrate its 25th Anniversary, the “Fondazione Piemontese per la Ricerca sul Cancro-ONLUS” organizes a mini-symposium on the interactions occurring between cancer cell and microenvironment. Seminal topics of cancer biology to be discussed in this aspect are oncogenes, integrins, angiogenesis and axon guidance cues.

**May 29<sup>th</sup> 2011, Torino Incontra Conference Hall**

08.30 a.m. Registration

09.15 a.m. Welcome

09.30 a.m. **Walter Birchmeier** (Berlin, D)  
*Wnt and Met cooperate in the generation of mammary gland cancer stem cells*

10.15 a.m. **Guido Serini** (Candiolo, I)  
*Regulation of integrin conformation and traffic by semaphorin receptor signalling: implications for tumor angiogenesis*

11.00 a.m. Coffee Break

11.30 a.m. **Till Acker** (Giessen, D)  
*The hypoxic microenvironment: mechanisms and therapeutic perspectives*

12.15 a.m. **Paolo Comoglio** (Candiolo, I)

*The Met oncogene: from basic to the clinic*

01.00 p.m. Lunch

02.00 p.m. **Tatiana Byzova** (Cleveland, USA)  
*Integrins in angiogenesis and inflammation*

02.45 p.m. **Federico Bussolino** (Candiolo, I)  
*New circuits in angiogenesis*

03.30 p.m. **Alex Kolodkin** (Baltimore, USA)  
*Molecular mechanisms underlying the establishment of neural connectivity*

04.15 p.m. **Luca Tamagnone** (Candiolo, I)  
*Semaphorin signals in control of tumor growth and metastatic progression*

05.00 p.m. Coffee Break

**REGISTRATION IS FREE**

Please send an email to [oncobio@ircc.it](mailto:oncobio@ircc.it) containing the following information:

Name, Family Name, Institution, Institution address, E-mail