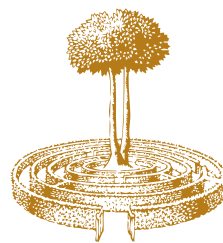


4th International Michelangelo Conference



FONDAZIONE MICHELANGELO
avanzamento dello studio e cura dei tumori

Promises and challenges of developing new drugs in oncology

Chairman: Luca Gianni, Milan I

July 6-7, 2017

Hotel Michelangelo

Piazza Luigi di Savoia, 6 - Milan

Meeting room: Michelangelo (ground floor)



American Society of Clinical Oncology

Making a world of difference in cancer care

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**FINAL
PROGRAM**

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- **Nicholas McGranahan**
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- **Anna M Wu**
UCLA, Los Angeles, CA, USA
- **Antoni Ribas**
UCLA Medical Center, Los Angeles, CA, USA
- **Claire Vanpouille-Box**
Weill Cornell Medicine, New York, USA



Welcome address

The 4th International Michelangelo Conference has a faculty of leading international experts to present and discuss new therapeutic opportunities for cancer, novel and promising molecular targets and molecularly based strategies, and challenges and opportunities of the ongoing immunotherapy revolution.

The current unprecedented and continuously refining understanding of the molecular cancer landscape led to the identification of new therapeutic targets (e.g. BET, cell cycle checkpoints) and the development of new classes of inhibitory compounds. At the same time is uncovering and characterizing mechanisms of drug resistance (e.g. immune checkpoint acquired resistance) and providing a better framework for the modern concept of precision medicine.

The improved knowledge of the biology and the pathology of cancer and the development of new transformative technologies has opened new frontiers for cancer therapy. Among others, the emergence of RNA-based therapies that allows for the efficient delivery of mRNA that prompts the patients' cells to produce human proteins or antibodies. Similarly new and formidably promising is the power of therapeutic applications of genome editing with CRISPR-Cas.

Immunotherapy is now well recognized as reality in cancer therapy. During the conference the interplay between tumor molecular features, tumor heterogeneity and the immune system contexture will be discussed together with the basis for rational immune-effective combinations and new therapeutic opportunities. In particular, combinations strategies to overcome intrinsic and acquired resistance and to improve treatment efficacy will be highlighted. The emerging contribution of the commensal microbiota to the activity of immune-checkpoints inhibitors and its therapeutic potential will be illustrated. Finally, the clinical potential of targeting inflammation in cancer will be presented. Last and by all means not least, during the conference there will be the award of the 4th Gianni Bonadonna Prize for New Drug Development in Oncology.

Gianni Bonadonna Prize for New Drug Development in Oncology

On the occasion of the 4th International Conference on "Promises and challenges of developing new drugs in oncology" Fondazione Michelangelo is proud to reconfirm also for this edition, the "Gianni Bonadonna Prize for New Drug Development in Oncology", aimed to promoting and improving clinical research on the development of novel compounds. The prize of € 20.000,00 will be assigned for an original oncology clinical research project for the development of novel compounds and it is addressed to researchers up to 40 years of age.

Deadline for Applications: May 15, 2017

**For more information on the criteria to apply to the prize please contact the Scientific Secretariat:
e-mail: segreteria@fondazionemichelangelo.org – www.fondazionemichelangelo.org**

Call for Abstract

Participants can submit abstracts on the main topics of the International Conference before May 15, 2017 to segreteria@fondazionemichelangelo.org, filling in the form available on www.fondazionemichelangelo.org

Abstracts will be selected for Poster display.



Final Program

Day 1, Thursday, July 6th, 2017

14.30 - 14.40	Welcome L. Gianni
	<u>MAIN LECTURES</u>
14.40 - 15.25	RNA based therapy: a new frontier Luca Gianni (Milan, I)
15.25 - 15.45	Discussion
15.45 - 16.30	Inflammation in cancer: new therapeutic opportunities Alberto Mantovani (Milan, I)
16.30 - 16.50	Discussion
16.50 - 18.00	Gianni Bonadonna Prize Presentation of three selected projects Report of the 2015 winner Roberta Sommaggio (Padua, I)

Day 2, Friday, July 7th, 2017

	<u>NEW FIELDS</u>
9.00 - 9.30	Genome editing using CRISPR-Cas systems Chiara Bonini (Milan, I)
9.30 - 10.00	BET bromodomain inhibition Stefan Knapp (Frankfurt, Germany)
10.00 - 10.30	R-evolution of natural products to target key cancer signaling pathways Stephen Kelsey (CA, USA)
10.30 - 11.00	Targeting the Cell Cycle in cancer therapy Erik S. Knudsen (AZ, USA)
11.00 - 11.15	<i>Coffee break</i>
	<u>IMMUNOTHERAPY</u>
11.15 - 11.45	Mutational clonality and intratumor heterogeneity as biomarkers for cancer immunotherapy Nicholas McGranahan (London, UK)
11.45 - 12.20	The tumor immunity continuum as a framework for rational combinations Priti Hegde (CA, USA)
	<u>MAIN LECTURE</u>
12.20 - 13.05	Targeting adaptive immune resistance Antoni Ribas (CA, USA)
13.05 - 14.00	<i>Lunch</i>
14.00 - 14.30	Emerging evidence on how to best use radiation when combined with immune checkpoint blockade Claire Vanpouille-Box (NY, USA)
14.30 - 15.00	Impact of commensal microbiota on anti-tumor immunity and immunotherapy efficacy Giampaolo Bianchini (Milan, I)
15.00 - 15.30	ImmunoPET: Engineered antibodies for noninvasive imaging of immune cells Anna M. Wu (CA, USA)
	<u>CANCER GENOMICS</u>
	<u>MAIN LECTURE</u>
15.30 - 16.15	Cancer genomics towards precision medicine: new strategies Carlos Caldas (Cambridge, UK)
16.15	Gianni Bonadonna Prize (The Winner's Ceremony)

Conference General Information

Conference Venue

Hotel Michelangelo

Piazza Luigi di Savoia, 6

Meeting room: Michelangelo (ground floor)

 M2 - M3 Central Station

Dates of the Conference

From Thursday, July 6th to Friday, July 7th 2017.

CME Accreditation

CME accreditation for the competent bodies
(5,6 credits - n. 210-195333)

Official Language

The official language of the Conference is English.
No translation will be provided.

Application

Attendance is free of charge, however application is compulsory.

Please send the application form to:

michelangelo@newaurameeting.it

until June 19, 2017.

Accommodation

To require hotel accommodation in Milan, please fill in the application form available on www.fondazionemichelangelo.org; for further information, contact the Organizing Secretary to michelangelo@newaurameeting.it



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