



FONDAZIONE MICHELANGELO
avanzamento dello studio e cura dei tumori

Chairmen:

Luca Gianni, Giampaolo Bianchini (Milan, I)

h 13.00 - 19.00

FACULTY

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| ■ Giampaolo Bianchini
<i>Milan, Italy</i> | ■ Michele Maio
<i>Siena, Italy</i> |
| ■ Leisha A. Emens
<i>Baltimore, USA</i> | ■ Luciana Molinero
<i>San Francisco, USA</i> |
| ■ Luca Gianni
<i>Milan, Italy</i> | ■ Peter Schmid
<i>London, United Kingdom</i> |

Immunotherapy comes to age: opportunities, challenges and implication for breast cancer

The key role of the immune system in cancer has been recognized for a long time. Our understanding of the co-evolution of cancer and the immune system has significantly improved, and the concept of "immune-editing" well describes the dual host-protecting and tumor-sculpting actions of the immune system. The identification of the mechanisms of immune evasion, and the appreciation of the relevance of immune checkpoints in dampening the adaptive immune system have led to the development of a new class of compounds, the immune checkpoint inhibitors, which are now established as key players in cancer treatment, with remarkable activity and curative potential in a broad range of tumors. Breast cancer is also immunogenic. Each molecular subtype has a very heterogeneous immune microenvironment, which influences the risk of relapse and response to standard treatments. These findings provided the rationale for the application of immunotherapies in breast cancer. Immune checkpoint inhibitors have already shown activity in metastatic triple negative (TNBC) and other breast cancer subtypes, representing a very promising therapeutic option. These and other immune-modulating compounds, alone or in combinations, are now extensively investigated not only in the advanced setting, but also as neoadjuvant and adjuvant therapy especially for TNBCs. In this XV Seminar the Fondazione Michelangelo has invited key experts in the field of immuno-oncology to understand the potential, opportunities and challenges of the immunotherapy and to discuss how it can be implemented in the treatment of breast cancer.

Endorsements



Alleanza contro il cancro



American Society of Clinical Oncology
Making a world of difference in cancer care

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XV
MICHELANGELO
SEMINAR

November 4, 2016
Milan, Hotel Michelangelo
Piazza Luigi di Savoia, 6



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XV
MICHELANGELO
SEMINAR

Final Program

- **Welcome address and introductory notes: Immunotherapy and Cancer**
L. Gianni - Milan, I
- **Immunotherapy comes to age: why immunotherapy is revolutionizing cancer treatment**
L. Molinero - San Francisco, USA
- **The immune system engagement by HER2-targeted monoclonal antibodies: implications for treatment tailoring and immunotherapy**
G. Bianchini - Milan, I
- **Triple-negative breast cancer: rationale for immunotherapy, proof of concept studies and ongoing trials in advanced disease setting**
L. A. Emens - Baltimore, USA
- **Moving immunotherapy in the early breast cancer setting: opportunities and challenges**
L. Gianni - Milan, I
- **Immunotherapy challenges: combinations, intrinsic and acquired resistance**
M. Maio - Siena, I
- **Precision immunology: PDL1, neoantigenes and beyond**
P. Schmid - London, UK
- **Roadmap for immunotherapy implementation in breast cancer**
All speakers

General information

- **Seminar Venue**
Hotel Michelangelo Piazza Luigi di Savoia, 6
Meeting room: Michelangelo (ground floor)
 M2 - M3 Central Station
- **CME Accreditation** for the competent bodies (4,5 credits - n. 210-171042)
- **Official Language**
The official language will be English. Simultaneous translation will be provided
- **Application**
Attendance is free of charge, however application is compulsory.
Please send the application form to michelangelo@newaurameeting.it until 28th October 2016
- **Accommodation**
To require hotel accommodation in Milan, please fill in the registration form in attach; for further information, contact the Organizing Secretariat to michelangelo@newaurameeting.it

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