



Gemelli
Fondazione Policlinico Universitario A. Gemelli
Università Cattolica del Sacro Cuore



UNIVERSITÀ
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Precision medicine: from tumor biology to clinical trials

December 3rd-4th, 2020

CONGRESS PRESIDENTS:

Prof. Giovanni Scambia - Prof. Giampaolo Tortora

Fondazione Policlinico Universitario Agostino Gemelli IRCCS
Università Cattolica del Sacro Cuore di Roma

VIRTUAL CONGRESS

Precision medicine: from tumor biology to clinical trials



AIM

The **Italian Society of Cancerology (SIC)** is the main and oldest association of researchers in the field of Oncology that operates in our country. Primary purpose of the Company, as established by the Art. 2 of the Statute, is to "bring together the lovers of Cancerology and Operators working in the national Oncological field, with the aim to develop this discipline in the experimental, clinical and social fields, facilitating relations between clinicians and pre-clinical researchers, between Universities, Institutions and Specialized Centers".

Among the many activities undertaken by SIC in over sixty years of life, the most demanding is certainly the organization of the SIC Conference.

The conference will take place on **DECEMBER 3th-4th, 2020** and will have the theme "Precision medicine: from cancer biology to clinical trials". Given the pandemic emergency and the resulting restrictions, the congress will be performed in an online format but we expect this will contribute to the participation of an even larger audience. In fact, about 500 researchers and oncologists from all over the country are expected to participate.

Experts in the fields of clinical and molecular oncology from all over the world will discuss and update on the most recent acquisitions relating to the basic mechanisms involved in neoplastic transformation, translational studies on the validation of biomarkers and molecular targets and clinical trials with biological and innovative immunotherapy therapies.

The various sessions will deal with topics such as the state of the art of precision medicine in oncology and resistance mechanisms of drugs, the role of epigenetics and metabolism as possible targets for therapeutic intervention, the role of the microenvironment and the current development of the immunotherapy. The event will consist of symposia and main lectures. The qualifying element of the 2020 Conference is represented by the presence of a significant number of speakers from foreign countries, both European and non-European.

PROGRAM

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THURSDAY, DECEMBER 3rd

14.00-14.30 Opening Address - *N. Normanno, G. Scambia, G. Tortora*
14.30-16.00 **Simposium 1 - PARP Inhibitors: changing the game in ovarian cancer treatment**
Chair: *G. Baldassarre, G. Daniele, G. Scambia*

14.30-15.00 HRD test: predictive or prognostic? - *C. Gourley*
15.00-15.30 Mechanism of resistance of platinum and PARP inhibitors - *A. T. Bagnato*
15.30-16.00 Clinical implications: the present and the future - *D. Lorusso*
16.00-16.30 Award Ceremony
"Elena Cappannini" award for the best 2019 publication
"Piero Trivella" award for the best 2018-2019 publication
"Pezcoller Foundation-SIC" Fellowships

16.30-18.00 **Simposium 2 - AI and multiomics approaches**
Chair: *F. Bianchi, I. Guerriero, V. Valentini*

16.30-17.00 Network-based approaches: a paradigm shift in medicine - *L. Farina*
17.00-17.30 Can Artificial intelligence and real world data help a new translational perspective from omic data to in silico trials?
A. Damiani
17.30-18.00 Computational and omics approaches to explore cancer-promoting genetic alterations - *F. Ciccarelli*

18.00-19.00 **SIC meets Pharma Industry** Not accredited CME Session
18.00-18.30 Paradigm evolution in the treatment of metastatic breast cancer ER+/HER2-. The role of CDK4/6 inhibition - *I. Paris*
18.30-19.00 Olaparib: long term efficacy in first line treatment - *D. Lorusso*

FRIDAY, DECEMBER 4th

14.00-15.30 **Simposium 3 - Tumor microenvironment**
Chair: *G. Tortora, E. Torchiario, M. D'Incalci*

14.00-14.30 The modulation of tumor microenvironment for cancer therapy - *V. Sanz-Moreno*
14.30-15.00 The metabolism in tumor microenvironment - *P. Chiarugi*
15.00-15.30 Tumor-driven intrinsic and extrinsic immunosuppression and Immune editing - *V. Bronte*

15.30-17.00 **Simposium 4 - Immune regulation and immunotherapy in cancer**
Chair: *C. Carbone, P. Allavena, E. Bria*

15.30-16.00 Mechanisms of resistance to ICB - *J. Wolchok*
16.00-16.30 Looking for biomarkers for cancer immunotherapy in 2020: microbiota perspectives (or beyond) - *L. Zitvogel*
16.30-17.00 Dynamics of myeloid targets in cancer therapy - *A. Sica*
17.00-17.30 Key Lecture: Pancreatic Cancer Biology and Therapy - *D. A. Tuveson*

17.30-17.45 Conclusion: *N. Normanno, G. Scambia, G. Tortora*

FACULTY

Precision medicine:

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Paola Allavena

Humanitas University, Milan, IT

Anna Teresa Bagnato

Istituto Regina Elena, Rome, IT

Gustavo Baldassarre

CRO Aviano, IT

Fabrizio Bianchi

IRCCS Casa Sollievo della Sofferenza, San Giovanni Rotondo, IT

Emilio Bria

Università Cattolica del Sacro Cuore di Roma - Fondazione Policlinico Universitario Agostino Gemelli IRCCS, Rome, IT

Vincenzo Bronte

Università degli Studi di Verona, IT

Carmine Carbone

Fondazione Policlinico Universitario Agostino Gemelli IRCCS, Rome, IT

Paola Chiarugi

Università degli Studi di Firenze, IT

Francesca Ciccarelli

King's College London, UK

Andrea Damiani

Fondazione Policlinico Universitario Agostino Gemelli IRCCS, Rome, IT

Gennaro Daniele

Fondazione Policlinico Universitario Agostino Gemelli IRCCS, Rome, IT

Maurizio D'Incalci

Istituto di Ricerche Farmacologiche Mario Negri IRCCS, Milan, IT

Lorenzo Farina

Università degli Studi di Roma La Sapienza, IT

Charlie Gourley

the University of Edinburgh, UK

Ilaria Guerriero

Biogem - Istituto di ricerche Genetiche "Gaetano Salvatore" Ariano Irpino, IT

Domenica Lorusso

Fondazione Policlinico Universitario Agostino Gemelli IRCCS, Rome, IT

Nicola Normanno

Istituto Nazionale Tumori IRCCS, Fondazione G. Pascale, Naples, IT

Ida Paris

Fondazione Policlinico Universitario Agostino Gemelli IRCCS, Rome, IT

Victoria Sanz- Moreno

Queen Mary University of London, UK

Giovanni Scambia

Università Cattolica del Sacro Cuore di Roma - Fondazione Policlinico Universitario Agostino Gemelli IRCCS, Rome, IT

Antonio Sica

Università del Piemonte Orientale "Amedeo Avogadro", Novara - Humanitas Clinical and Research Center-IRCCS, Milan, IT

Erica Torchiario

IRCCS, Institute for Cancer Research and Treatment, Candiolo - Torino, IT

Giampaolo Tortora

Università Cattolica del Sacro Cuore di Roma - Fondazione Policlinico Universitario Agostino Gemelli IRCCS, Rome, IT

David Arthur Tuveson

Cold Spring Harbor Laboratory, New York, USA

Vincenzo Valentini

Università Cattolica del Sacro Cuore di Roma - Fondazione Policlinico Universitario Agostino Gemelli IRCCS, Rome, IT

Jedd D. Wolchok

Memorial Sloan Kettering Cancer Center, New York, USA

Laurence Zitvogel

Gustave Roussy Institute of Oncology, Paris, FR



SIC SECRETARIAT

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ORGANIZING SECRETARIAT

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PROVIDER

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Accreditation of the national commission CME number 2463
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OFFICIAL LANGUAGE

English. Simultaneous translation will not be provided.

REGISTRATION

Limited to 300 participants
Registration fees:
SIC MEMBER € 80,00
NON SIC MEMBER € 100,00
SIC MEMBER UNDER 35 € 50,00
NON SIC MEMBER UNDER 35 € 70,00
Click on the link below to register
<http://fopecom-rm.unicatt.it/fopecomonline/default.aspx?Edizione=1&IdEvento=7898>

CME CREDITS

No. 7 Italian Ministry of Health credits for the following Professions and Disciplines: Medical Surgeon (Disciplines: Hematology, General (Family Doctors) Medicine, Medical Genetics, Oncology, Pathological Anatomy, Pharmacology and Clinical Toxicology, Clinical Pathology, Internal Medicine); Biologist, Pharmacist, Chemist (Discipline: Analytical Chemistry); Physicist (Discipline: Health Physics), Veterinary Surgeon.



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