TRANSLATIONAL AND PRECISION MEDICINE: FROM PATIENT TO CELL AND BACK

35th AICC International Meeting
Technological advances in dissecting complex disease landscapes have catapulted scientists into the precision medicine era. The lesson of precision medicine might be that treatment should be personalized, as each patient features a unique disease's molecular and immune landscape. High-throughput methods in genomics, transcriptomics, metabolomics and proteomics have significantly improved illness treatment and prevention, and precision medicine is nowadays revolutionizing the way drugs are developed, benefiting patients, the pharmaceutical industry, and the whole society.

In this meeting, internationally recognized speakers will discuss the state of art on prognostic, predictive, pharmacogenomic, or pharmacodynamic biomarkers as well as therapeutic targets in terms of precision medicine approaches. The scientific meeting will be accompanied by an industry and technical exhibition presenting the latest innovations in the field.

We believe that this program will attract the interest of both basic and translational researchers, as well as clinicians, offering the opportunity to exchange ideas in a friendly and stimulating environment. AICC would strive to offer opportunities to young scientists to be seen and heard by dedicating slots for oral communications and posters. The best works presented by young scientists will be awarded by special prizes.

Looking forward for meeting you,

Prof. Francesca Zazzeroni  
AICC Vice-President  
Scientific Coordinator

Prof. Daria Capece  
AICC CTS Member  
Scientific Coordinator
Monday, 4th December

12:30-14:00 Registration

14:00-14:30 Opening and Greetings

OPENING LECTURE

Chairs: Michele Caraglia, Caterina Mancarella

14:30-15:15 Next-generation multi-omics classification and therapeutic stratification of tumor subtypes

Antonio IAVARONE
Sylvester Comprehensive Cancer Center, University of Miami, Miller School of Medicine

Session I

Novel Models to Profile Cancers: from Diagnosis to Precision Medicine

Chairs: Enrico De Smaele, Pasquale Zizza

15:15-15:45 Organoids as a 3D surrogate to model and tackle breast cancer metastasis

Giovanni BLANDINO
Regina Elena National Institute for Cancer Treatment and Research, Rome

15:45-16:15 Drivers and vulnerabilities in ovarian cancer stemness unveiled by new patient-derived models

Ugo CAVALLARO
European Institute of Oncology

16:15-16:25 Selected oral presentation
16:25-16:35 Selected oral presentation

16:35-17:15 Coffee Break, Poster Viewing and Networking

KEYNOTE LECTURE
Chairs: Massimo Donadelli, Joanna Kopecka

17:15-18:00 Partners in crime with p63
Gerry MELINO
“Tor Vergata” University of Rome

18:00-18:15 Closing Remarks
Tuesday, 5th December

Session II
From Patient to Cell (I): Emerging Targets in Cancer and beyond

Chairs: Chiara Riganti, Nicla Lorito

09:00-09:30 Targeting epigenome in human diseases
Lucia ALTUCCI
University of Campania “L. Vanvitelli”, Naples

09:30-10:00 Cancer stem cells: therapeutic implications in precision medicine
Giorgio STASSI
University of Palermo

10:00-10:10 Selected oral presentation

10:10-10:20 Selected oral presentation

10:20-10:30 Selected oral presentation

10:30-11:00 Coffee Break, Poster Viewing and Networking

From Patient to Cell (II): Emerging Targets in Cancer and beyond

Chairs: Katia Scotlandi, Silvia Zappavigna

11:00-11:30 Deregulation of Hedgehog signaling in cancer: a multi-targeting approach for innovative therapies
Lucia DI MARCOTULLIO
La Sapienza University of Rome
11:30-12:00 Small interfering RNAs for the cure of genetic diseases
Anna Maria TETI
University of L’Aquila

12:00-12:10 Selected oral presentation

12:10-12:20 Selected oral presentation

12:20-12:30 Selected oral presentation

12:30-12:40 Video killed the Imaging Star
Francesco GIRARDEI
Media System

12:40-12:50 Agilent Seahorse XF Live-Cell Metabolism Solutions for Cancer Research
Emma DI CAPUA
Agilent

12:50-14:30 Lunch, Poster Viewing and Networking

Session III
Shaping Immune Microenvironment for Treating Diseases
Chairs: Andrea Morandi, Simone Di Franco

14:30-15:00 Personalised Targeting of Tumour Microenvironment Using Novel Combination Immunotherapies in Pancreatic Cancer
Anguraj SADANANDAM
The Institute of Cancer Research, London
15:00-15:30 Transcriptional regulation of innate lymphocytes in health and disease
Giuseppe SCIUMÈ
La Sapienza University of Rome

15:30-15:40 Selected oral presentation

15:40-15:50 Selected oral presentation

15:50-16:00 EV Therapeutics and EV Diagnostics: a qEV PurePath approach
Stephane MAZLAN
Izon Science

16:00-16:30 Coffee Break, Poster Viewing and Networking

16:30-17:00 Deconstructing pancreatic ductal adenocarcinomas
Giulia BIFFI
University of Cambridge, CRUK Cambridge Institute

17:00-17:10 Selected oral presentation

17:10-17:20 Selected oral presentation

17:20-17:30 MM Biotech (TBD)

17:30-18:00 Closing Remarks & AICC General Assembly
Wednesday, 6th December

Session IV
Back to Patient: Translating Cell Insights into Drug Discovery Pipeline
Chairs: Teresa Di Martina, Veronica Zelli

09:00-09:30 Exploiting PROTAC technology as an innovative tool for the treatment of lethal prostate cancer
Gabriele CRUCIANI
University of Perugia

09:30-10:00 Improving immunotherapy response: CXCR1/2 inhibitors as promising option in combination therapy for pancreatic cancer treatment
Marcello ALLEGRETTI
Dompé farmaceutici S.p.A

10:00-10:10 Selected oral presentation

10:10-10:20 Selected oral presentation

CLOSING LECTURE
Chairs: Francesca Zazzeroni, Daria Capece, Daniela Verzella

10:20-11:05 Cancer-selective targeting of the NF-κB signalling pathway
Guido FRANZOSO
Imperial College London
11:05-11:30  Awards Ceremony and Closing Remarks

11:30-12:15  Coffee & Light Brunch
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UNDER THE PATRONAGE OF:
University of L’Aquila
Department of Biotechnological and Applied Clinical Sciences
Department of Life, Health and Environmental Sciences
Marcello ALLEGRETTI  
Dompé farmaceutici S.p.A

Lucia ALTUCCI  
University of Campania “L. Vanvitelli”, Naples

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Address: c/o Monastero San Basilio, Piazza San Basilio 2, L’Aquila (IT)

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REGISTRATION

Opening: 01/08/2023
Deadline: 24/11/2023

To participate to the meeting is required a valid AICC membership.

For membership request form scan the QR code or use the following link: https://www.aicc.website/cosaelaicc/sottoscrizioni/

Membership fee is 50 €.
Reason for payment (causale): please, indicate “your surname, name, 2023 AICC Membership”

To register to the meeting, please the scan QR code or use the following link: https://docs.google.com/forms/d/e/1FAIpQLSeMnrZN-CL1wzzbSYKqEnJzDFMUXShcnV-G7La1c4t0zo9cjow/viewform?usp=sharing

Registration includes:
• Admission to all meeting sessions
• Abstract book file (PDF)
• Attendance certificate
• Conference kit
• Coffee break, light lunch

Registration without payment is not considered valid.
PAYMENT

Registration fees Meeting fee (VAT included)

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<td>Meeting Registration</td>
<td>€ 200,00</td>
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<td>PhD students, undergraduate students*</td>
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*Please provide a certificate of your status of student/intern to aicc.meeting@gmail.com

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ABSTRACT SUBMISSION

Opening for abstract submission: 01/08/2023
Deadline for abstract submission: 14/11/2023

The submission of abstracts for oral presentations or posters is encouraged, particularly from early-career researchers.

Registration to the meeting is required to submit an abstract.

The abstract form is available on the AICC website:
https://www.aicc.website/

To submit your abstract, please send the filled abstract form to aicc.meeting@gmail.com

Among the submitted abstracts, the AICC Scientific Board will select oral communications (10 minutes). Authors of abstracts selected for an oral presentation will be informed via e-mail.

AWARDS

AICC will award best oral presentation(s) by authors younger than 35 years of age.
AICC will also award best poster/flash presentation(s) by authors younger than 35 years of age.
In collaborazione con