



35th AICC
INTERNATIONAL

MEETING

TRANSLATIONAL AND PRECISION MEDICINE: FROM PATIENT TO CELL AND BACK



UNIVERSITY
OF L'AQUILA

4-6
DECEMBER
2023



“LUIGI ZORDAN” CONGRESS CENTRE - ST. BASILIO MONASTERY, L'AQUILA



UNIVERSITÀ
DEGLI STUDI
DELL'AQUILA



DISCAB
Dipartimento di Scienze
Cliniche applicate
e Biotecnologiche



MESVA
Dipartimento di Medicina Clinica,
Sanità Pubblica, Scienze della Vita
e dell'Ambiente

TRANSLATIONAL
AND PRECISION MEDICINE:
FROM PATIENT TO CELL AND BACK

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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 GIRARDI

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- κ B signalling pathway
Guido FRANZOSO
Imperial College London

11:05-11:30

Awards Ceremony
and Closing Remarks

11:30-12:15

Coffee & Light Brunch

PRESIDENT**Michele CARAGLIA**

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*Regina Elena National Institute
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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

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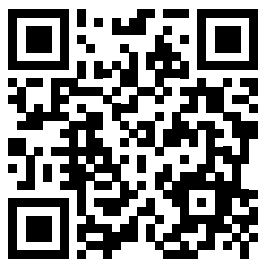
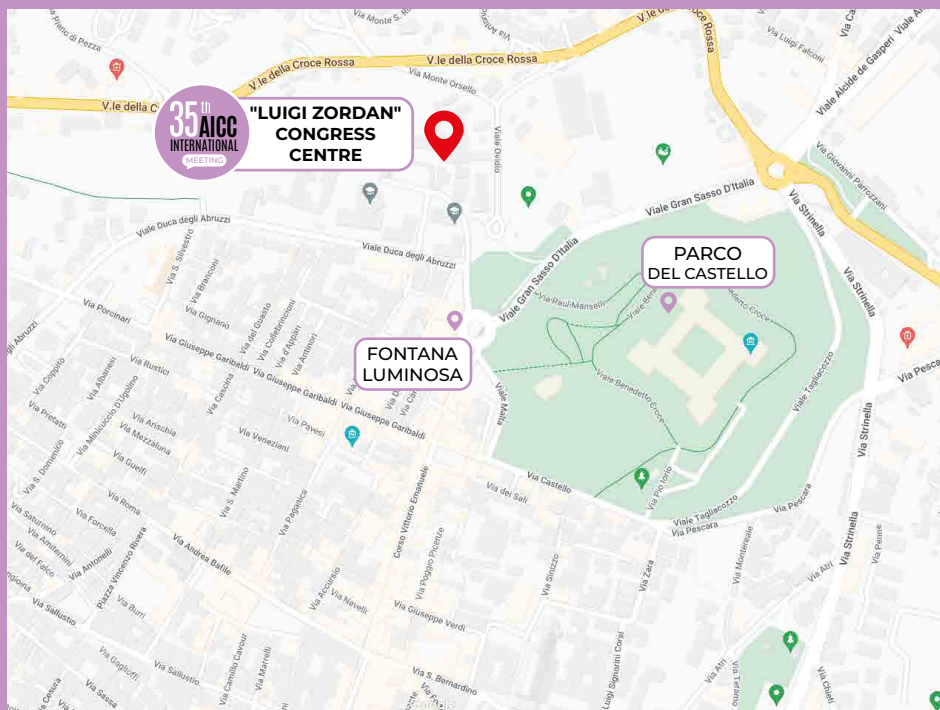
University of Palermo

Anna Maria TETI

University of L'Aquila

CONFERENCE VENUE

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“Luigi Zordan” Congress Centre
Address: c/o Monastero San Basilio,
Piazza San Basilio 2, L’Aquila (IT)

<https://goo.gl/maps/JScwMZ65JX-Q4K2CQA>

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-CLlwzzbSYKqEnJzDFMUX-ShcnV-G7La1c4t0zo9cjow/view-form?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)

	FEE
Meeting Registration	€ 200,00
PhD students, undergraduate students*	€ 100,00
PhD students Univaq	Free admittance

**Please provide a certificate of your status of student/intern to aicc.meeting@gmail.com*

Bank transfer to:

Associazione Italiana di Colture Cellulari
IT97B0538703612000003002045
BPER BANCA S.P.A.
L'Aquila, agenzia 10, Via Campo di Pile, 67100 L'Aquila (AQ)

Reason for payment (causale): please, indicate "your sur-name, name, 35th AICC meeting registration"

Copy of the receipt must be sent to:
aicc.meeting@gmail.com

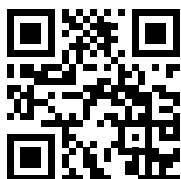
ABSTRACT SUBMISSION

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.



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