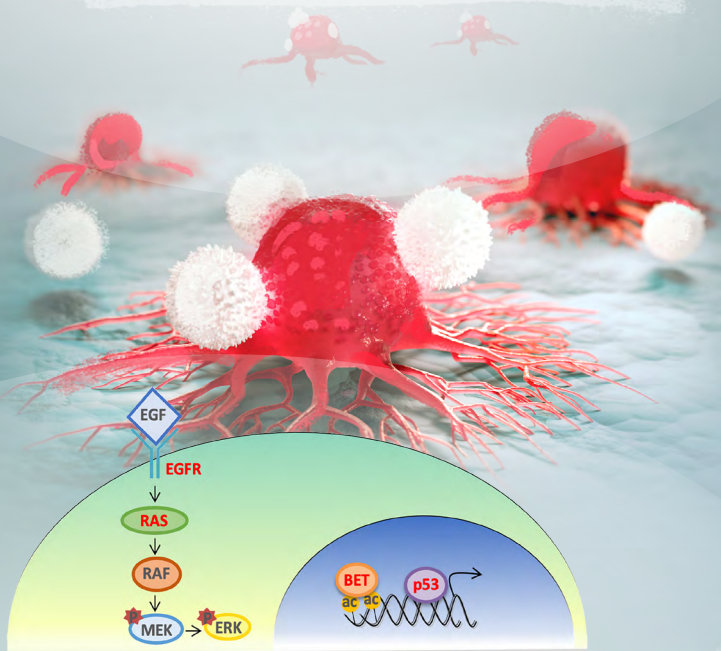




HYBRID MEETING

28-29 MARCH 2022
ROME



4th INTERNATIONAL WORKSHOP

ON TUMOR EVOLUTION

MAKING THE IMPOSSIBLE POSSIBLE:
successful tackling of difficult targets in
cancer research and clinical development

VENUE:

Institutum Patristicum Augustinianum / Auditorium Paolo VI



WELCOME MESSAGE

The past few decades have witnessed major advances in our understanding of cancer biology. Breakthroughs in genomic technologies, transcriptomic profiling leveraged at single cell level, functional characterization of genes boosted more recently by the advent of whole-genome CRISPR/Cas9 screens, have enhanced our identification of therapeutic targets. Unfortunately, many of the candidate genes that emerged from these studies have shown to be extremely difficult if not impossible to target. KRAS, TP53, MYC, PTEN gene alterations are only a few examples of key drivers whose therapeutic targeting have not yet entered into clinical practice, with the notable exception of the recent development of KRAC G12C inhibitors for the treatment of non small cell lung cancer. In line with this brilliant example, this workshop focuses on showing how to “make the impossible possible: i.e. to successfully tackle difficult targets in cancer research and clinical development”. These ambitious goals require the combination of clever and sophisticated medicinal chemistry efforts aided by advanced structural biology as well as innovative clinical trials. In this regard, clinical trials act as a critical engine for the discovery and development of new therapies that have undergone massive re-wiring in the last decade. Indeed, they have shifted from traditional studies evaluating cytotoxic chemotherapy to histology-based populations conceived to be adaptively designed and biomarker-driven to evaluate precise molecular targeted and immunotherapies in selected patients subsets. Unprecedented effort has been devoted to the generation of a framework that can promptly transform scientific discoveries in clinical practice through the application of innovative technologies and adaptive design methodologies.



ISTITUTO DI RICOVERO E CURA A CARATTERE SCIENTIFICO

ORGANIZING COMMITTEE:

Gennaro Ciliberto, Federico Cappuzzo, Rita Falcioni, Giovanni Blandino

SECRETARIAT:

Tania Merlino, Carmela Matrascia

IRCCS Regina Elena National Cancer Institute (IRE)

Via Elio Chianesi 53, 00144 (Rome, Italy)

CO-ORGANIZED BY:

Fondazione Internazionale Menarini

Centro Direzionale Milanofiori

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E-mail: 4thInternationalworkshop2022@aimgroup.eu

PROGRAMME

MONDAY, 28 MARCH 2022

08.30 a.m.
09.00 a.m.

Marina Cerimele - General Director of Istituti Fisioterapici Ospitalieri (IFO, Rome, Italy)
Gennaro Ciliberto - Scientific Director of Regina Elena National Cancer Institute (IRE, Rome, Italy)
Welcome and introduction

Workshop Part I

Young Investigators IRCCS Regina Elena National Cancer Institute (IRE, Rome, Italy)
Auditorium Paolo VI

Chairperson:

Piera Tocci (IRE, Rome, Italy)

09.00 a.m.
09.15 a.m.

Giulia Regazzo (IRE, Rome, Italy)
A diagnostic serum miRNA signature governs cell invasion via TSK4/5 regulation in human gliomas

09.15 a.m.
09.30 a.m.

Federica Ganci (IRE, Rome, Italy)
Identification of a circulating miRNAs signature as potential biomarker for predicting recurrence in head and neck cancer

09.30 a.m.
09.45 a.m.

Luigi Fattore (IRE, Rome, Italy)
Therapeutic miRNAs to overcome resistance to therapy in melanoma

09.45 a.m.
10.00 a.m.

Giulia Bon (IRE, Rome, Italy)
SEMA6A: a potential predictor of benefit from Dual BRAF/MEK inhibition in melanoma

10.00 a.m.
10.15 a.m.

Sara Donzelli (IRE, Rome, Italy)
A living biobank of human breast cancer metastases to unveil driver genes and effective treatments

10.15 a.m.
10.35 a.m.

General discussion

10.35 a.m.
11.00 a.m.

Coffee Break

Workshop Part I

Young Investigators IRCCS Regina Elena National Cancer Institute (IRE, Rome, Italy)
Auditorium Paolo VI

Chairperson:	Sara Donzelli (IRE, Rome, Italy)
11.00 a.m. 11.15 a.m.	Piera Tocci (IRE, Rome, Italy) Targeting tumor-stroma communication by blocking endothelin-1 receptors sensitizes high-grade serous ovarian cancer to PARP inhibitor
11.15 a.m. 11.30 a.m.	Marta Di Martile (IRE, Rome, Italy) Targeting the anti-apoptotic bcl-2 family proteins to improve cancer treatment
11.30 a.m. 11.45 a.m.	Eleonora Petti (IRE, Rome, Italy) TRF2: a novel therapeutic target in triple negative breast cancer
11.45 a.m. 12.00 p.m.	Silvia Matteoni (IRE, Rome, Italy) Antipsychotics and cancer: could the “dirty drug” chlorpromazine prove effective in glioblastoma treatment?
12.00 p.m. 12.15 p.m.	Marcello Mauger-Saccà (IRE, Rome, Italy) KEAP mutations in lung cancer, a new molecular entity
12.15 p.m. 12.35 p.m.	<i>General Discussion</i>
12.35 p.m. 02.00 p.m.	<i>Lunch</i>

International Workshop Part I

Auditorium Paolo VI

02.00 p.m.
02.30 p.m.

Giuseppe Ippolito - General Director for Research and Innovation for Healthcare at Italian Ministry of Health (Rome, Italy)
Aldo Morrone Scientific Director of San Gallicano Dermatologic Institute (ISG, Rome, Italy)
Gennaro Ciliberto - Scientific Director of Regina Elena National Cancer Institute (IRE, Rome, Italy)
Welcome address

SESSION I – RAS AND EGFR EXON 20

Chairpersons:

Federico Cappuzzo (IRE, Rome, Italy)
Silvia Giordano (Turin, Italy)

02.30 p.m.
03.00 p.m.

Fabrice Barlesi (Villejuif, France)
Why and how target KRAS in daily practice today?

03.00 p.m.
03.30 p.m.

Enriqueta Felip (Barcelona, Spain)
Emerging treatment options for NSCLC with Exon 20 Insertion Mutations

03.30 p.m.
04.00 p.m.

Ferdinando Skoulidis (Houston, USA)
Dissecting the clinical heterogeneity on KRAS-mutant NSCLC

04.00 p.m.
04.30 p.m.

Davis S. Hong (Houston, USA)
KRAS G12C-Next Steps: Combining KRAS G12C Inhibitors and Beyond

04.30 p.m.
05.00 p.m.

Natasha Leighl (Toronto, Canada)
EGFRex20ins - initial learnings from the clinic

05.00 p.m.
05.30 p.m.

Coffee Break

SESSION II – OPTIMAL DRUG AND TARGET THERAPY

Chairperson:

Anna Bagnato (IRE, Rome, Italy)

05.30 p.m.
06.00 p.m.

Ciara Metcalfe (San Francisco, USA)
Next-Generation Estrogen Receptor Therapeutics for Breast Cancer

06.00 p.m.
06.30 p.m.

Julie R. Brahmer (Baltimore, USA)

PROGRAMME

TUESDAY, 29 MARCH 2022

Workshop Part II

Young Investigators IRCCS Regina Elena National Cancer Institute (IRE, Rome, Italy)
Auditorium Paolo VI

Chairperson:	Matteo Pallocca (IRE, Rome, Italy)
10.00 a.m. 10.15 a.m.	Giulia Cristinziano (IRE, Rome, Italy) Generation and pre-clinical exploitation of cholangiocarcinoma mouse models driven by Fgfr2 fusions
10.15 a.m. 10.30 a.m.	Valentina Piastra (IRE, Rome, Italy) The MKK3/AURKA crosstalk fosters malignancy in colorectal cancer: implications for novel therapeutics approach
10.30 a.m. 10.45 a.m.	Matteo Allegretti (IRE, Rome, Italy) Impact of liquid biopsy in advanced HER2* breast cancer
10.45 a.m. 11.00 a.m.	Francesca R. Auciello (IRE, Rome, Italy) Metabolism and tumor plasticity
11.00 a.m. 11.15 a.m.	Giulia Federici (IRE, Rome, Italy) p53 mitotic centrosome localization as a functional test to predict pathogenicity of ATM VUS
11.15 a.m. 11.35 a.m.	<i>General Discussion</i>
11.35 a.m. 12.00 p.m.	<i>Coffee Break</i>
Chairperson:	Giulia Cristinziano (IRE, Rome, Italy)
12.00 p.m. 12.15 p.m.	Annalisa Tocci (IRE, Rome, Italy) hMena splicing regulates cancer-specific type-I IFN signaling and pro-tumoral macrophages polarization in NSCLC
12.15 p.m. 12.30 p.m.	Francesca Paolini (IRE, Rome, Italy) In situ vaccine (ISV): the last frontier of cancer immunotherapy
12.30 p.m. 12.45 p.m.	Matteo Pallocca (IRE, Rome, Italy) Challenges from ultra-low input RNA-sequencing as companion diagnostic in solid tumors
12.45 p.m. 01.00 p.m.	Giacomo Corleone (IRE, Rome, Italy) Mapping the DNA accessibility landscape of B-ALL patients reveals principles of cancer evolution
01.00 p.m. 01.20 p.m.	<i>General Discussion</i>
01.20 p.m. 03.00 p.m.	<i>Lunch</i>

TUESDAY, 29 MARCH 2022

International Workshop Part II

Auditorium Paolo VI

SESSION III - P53

Chairperson:	Silvia Soddu (IRE, Rome, Italy)
03.00 p.m. 03.30 p.m.	Galina Selivanova (Stockholm, Sweden) Pharmacological activation of p53 triggers viral mimicry response thereby abolishing tumor immune evasion and promoting anti-tumor immunity
03.30 p.m. 04.00 p.m.	Thomas Cluzeau (Nice, France) Eprenetapopt in TP53 mutated MDS/AML

SESSION IV - EPIGENETIC DRUGS

Chairperson:	Alfredo Budillon (Naples, Italy)
04.00 p.m. 04.30 p.m.	Sudha Rao (Brisbane, Australia) Eraser Enzymes & Epigenetic re-programming in metastatic breast cancer
04.30 p.m. 05.00 p.m.	Zariana Nikolova (Neuchâtel, Switzerland) Trotabresib (CC-90010, BMS-986378), a reversible, potent oral bromodomain and extraterminal inhibitor (BETi) in patients with high-grade gliomas
05.00 p.m. 05.30 p.m.	<i>Coffee Break</i>

SESSION V - NEWS IN ONCOIMMUNOLOGY

Chairperson:	Paola Nisticò (IRE, Rome, Italy)
05.30 p.m. 06.00 p.m.	Michele Maio (Siena, Italy) Tackling epigenetics for cancer immunotherapy
06.00 p.m. 06.30 p.m.	Davide Bedognetti (Doha, Qatar) AC-ICAM: an Atlas and Compass of Immune-Cancer-Microbiome Interactions in relationship to tumor evolution

FACULTIES

Anna Bagnato

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Fabrice Barlesi

Institut Gustave Roussy
Villejuif, France

Davide Bedognetti

Sidra Medical and Research Center
Doha, Qatar

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Marina Cerimele

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Stockholm, Sweden

Ferdinando Skoulidis

University of Texas
M.D. Anderson Cancer Center
Houston, USA

Silvia Soddu

IRCCS Regina Elena National
Cancer Institute
Rome, Italy

FACULTIES

YOUNG INVESTIGATORS WORKSHOP

IRCCS Regina Elena National Cancer Institute, Rome, Italy

PART I

Giulia Bon

Cellular Network and Molecular
Therapeutic Target Unit

Marta Di Martile

Preclinical Models and New
Therapeutic Agents Unit

Sara Donzelli

Oncogenomics and Epigenetics Unit

Luigi Fattore

SAFU Laboratory

Federica Ganci

Oncogenomics and Epigenetics Unit

Silvia Matteoni

Cellular Network and Molecular
Therapeutic Target Unit

Marcello Mauger-Saccà

Department of Medical Oncology 2 & Biostatistics,
Bioinformatics and Clinical Trial Center

Eleonora Petti

Oncogenomics and Epigenetics Unit

Giulia Regazzo

Oncogenomics and Epigenetics Unit

Piera Tocci

Preclinical Models and New Therapeutic
Agents Unit

PART II

Matteo Allegretti

Oncogenomics and Epigenetics Unit

Francesca R. Auciello

Oncogenomics and Epigenetics Unit

Giacomo Corleone

SAFU Laboratory

Giulia Cristinziano

Oncogenomics and Epigenetics Unit

Giulia Federici

Cellular Network and Molecular
Therapeutic Target Unit

Matteo Pallocca

Biostatistics, Bioinformatics
and Clinical Trial Center

Francesca Paolini

Tumor Immunology
and Immunotherapy Unit

Valentina Piastra

Oncogenomics and Epigenetics Unit

Annalisa Tocci

Tumor Immunology
and Immunotherapy Unit

HOW TO REGISTER AND JOIN THE EVENT

VIA WEBSITE AND/OR APP - HYBRID EVENT

Subscription to the Reserved Area and to the Event of your interest is required.
REGISTRATION IS FREE.

RESIDENTIAL EVENT

Via website www.en.fondazione-menarini.it

IF YOU ARE ALREADY A SUBSCRIBER TO THE FONDAZIONE MENARINI RESERVED AREA

1) Please **visit the page of the congress** of your interest:

<https://www.en.fondazione-menarini.it/Home/Events/4th-INTERNATIONAL-WORKSHOP-ON-TUMOR-EVOLUTION/794/Presentation>

2) Click on **“SUBSCRIBE TO RESIDENTIAL EVENT”** and **LOG IN** with your credentials.

3) Choose which days you wish to attend.

You will receive a confirmation email including your registration QR CODE for entering the event.

IF YOU ARE NOT YET A SUBSCRIBER, REGISTER **FOR FREE** IN THE FONDAZIONE MENARINI RESERVED AREA

1) Go to www.en.fondazione-menarini.it and click on **“Register”** (home page, on the right)

2) To **register in the reserved area**, just fill in the form, available here:

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3) Fill in all the mandatory fields and complete the registration, click on **REGISTER** (only once).

Wait for the confirmation page to appear, do not click on anything or leave the page.

Once you receive confirmation, return to the home page, you will already be logged-in to the reserved area.

4) **Visit the page of the congress** of your interest:

<https://www.en.fondazione-menarini.it/Home/Events/4th-INTERNATIONAL-WORKSHOP-ON-TUMOR-EVOLUTION/794/Presentation>

5) Confirm your registration by clicking on **“SUBSCRIBE TO RESIDENTIAL EVENT”** and **LOG IN** with your credentials.

6) Choose which days you wish to attend.

You will receive a confirmation email including your registration QR CODE for entering the event.

*In accordance with the current Covid regulations, we would like to remind you that the number of places reserved is limited to the actual capacity of the venue.
We therefore kindly ask you to cancel your registration if you are unable to attend, so that other interested users can participate.*

Further to specific requests of the hospitality structures you are strongly advised to come equipped with the EU Digital Covid Certificate in order to ensure your participation in all phases of the Congress.

HOW TO REGISTER AND JOIN THE EVENT

LIVE STREAMING

Via website www.en.fondazione-menarini.it

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2) Click on **“SUBSCRIBE TO LIVE STREAMING”** and **LOG IN** with your credentials, check the Privacy Notice and click on **“ATTEND”**.

You can enjoy the LIVE STREAMING for free on 28 and 29 March 2022.

IF YOU ARE NOT YET A SUBSCRIBER, REGISTER **FOR FREE** IN THE FONDAZIONE MENARINI RESERVED AREA

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HOW TO REGISTER AND JOIN THE EVENT



VIA FONDAZIONE MENARINI APP

Download the APP of Fondazione Menarini, click here or scan the QR CODE:

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LIVE STREAMING

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Click on the red button **REGISTER**; to register in the reserved area, just fill in all the mandatory fields of the form.

Now it is necessary to log in with your username (email) and password! Then click on **LOGIN**.

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You can visit the schedule of the event, and click on the red button **“SUBSCRIBE TO LIVE STREAMING”**, check the Privacy Notice and the confirm.

You can enjoy the **LIVE STREAMING** for free on 28 and 29 March 2022.

RESIDENTIAL EVENT

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GENERAL INFORMATION

MEETING VENUE

The venue for the Meeting will be:

Institutum Patristicum Augustinianum | Auditorium Paolo VI

Via Paolo VI, 25 - 00193 Rome, Italy

SECRETARIAT DURING THE MEETING

The Secretariat will be open at the following times:

Monday, 28 March 2022, from 8.00 a.m. to 6.30 p.m.

Tuesday, 29 March 2022, from 9.00 a.m. to 6.30 p.m.

OFFICIAL LANGUAGE

The official language of the Meeting will be English.

REGISTRATION

Attendance at the meeting is free.

For more information and to register please visit the following website: www.en.fondazione-menarini.it

TECHNICAL FACILITIES

Facilities will be available for computer presentations and overhead projections.

A business center with PC (Powerpoint for Windows) will be available for the checking and preview of presentations. All speakers must take their presentations to the business center at least one hour before the session starts.

FACULTY SLIDE CENTRE OPENING HOURS

The centre will be open at the following times:

Monday, 28 March 2022, from 9.00 a.m. to 6.30 p.m.

Tuesday, 29 March 2022, from 10.00 a.m. to 6.30 p.m.

LUNCH AND COFFEE BREAKS

Lunch and coffee breaks will be held in the Meeting area.



IRE
ISTITUTO NAZIONALE TUMORI
REGINA ELENA

ISTITUTO DI RICOVERO E CURA A CARATTERE SCIENTIFICO

CO - ORGANIZED BY

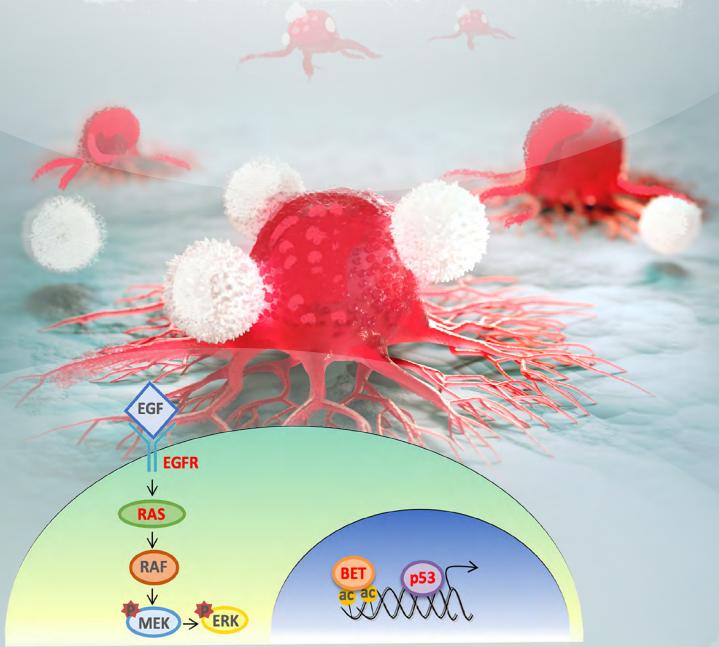


FONDAZIONE
INTERNAZIONALE
MENARINI



HYBRID MEETING

28-29 MARCH 2022
ROME



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