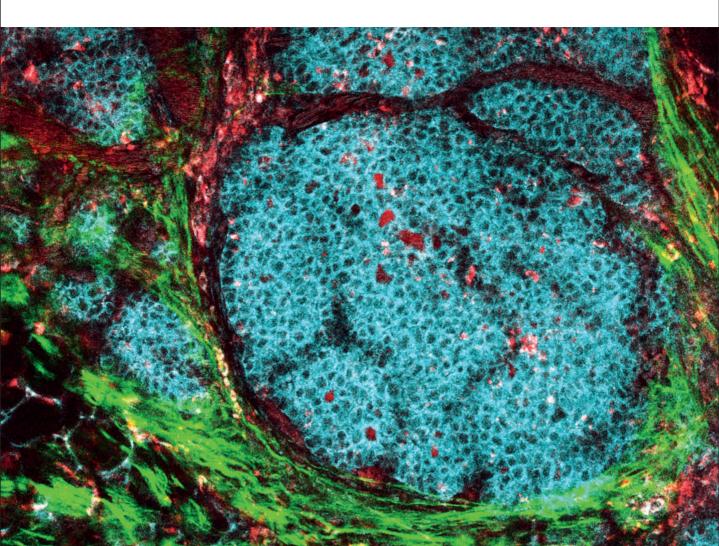
ISTITUTO DI RICOVERO E CURA A CARATTERE SCIENTIFICO

3^{PD} INTERNATIONAL WORKSHOP ON TUMOR EVOLUTION

DISCOVERING AND TARGETING THERAPEUTIC VULNERABILITIES IN THE TUMOR MICROENVIRONMENT



March 30TH-31ST, 2021 IRCCS Regina Elena National Cancer Institute

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TO ATTEND THE MEETING PLEASE CLICK THE LINK BELOW TROUGHOUT ANY DEVICE

and metastasis as well as in the development of therapeutic resistance. Understanding the complex, dynamic bidirectional interaction between cancer cells and their microenvironment is currently under intense investigation. Recent studies suggest that tumor-promoting immune cells also establish pre-metastatic niches which suppress anti-tumor immunity while promoting disseminated tumor cell survival. This indicates that malignant cancer cells induce a dynamic stromal reaction, which restrains and promotes tumor progression.

It is currently unknown how the stromal equilibrium is established and how the ratios of different

stromal cell types affect tumor progression and response to therapy. This workshop will bring together an outstanding faculty of translational and clinical oncologists who will debate the following issues 1) the molecular understanding of the reciprocal interaction between tumor cells and their microenvironment; 2) the identification of factors that influence the cross-talk between tumor and infiltrated cells; 3) the balance between anti-tumor immunity and immunosuppression; 4) novel therapeutic approaches.

SCIENTIFIC COMMITTEE

ORGANISATIONAL CONTACTS

Tania Merlino

Carmela Matrascia

Rita Falcioni Paola Nisticò

PROGRAMME

Gennaro Ciliberto

Tuesday, March 30[™]

Welcome address

Francesco Ripa di Meana (General Director IFO)

Gennaro Ciliberto (Scientific Director, IRCCS Regina Elena National Cancer Institute)

14.00

14.30

15.30

16.30

17.00

PRECLINICAL SESSION

Giovanni Blandino

Chairs: Mario Colombo, Paola Nisticò

System biology approaches to dissect tumor-host interactions dictating

Cancer as wound that never heals: insights from YAP/TAZ biology

Stefano Piccolo (Dept. Molecular Medicine, University of Padova, IT)

15.00 Novel Mechanisms of Tumor Stroma Crosstalk
Erik Sahai (Crick Institute, London, UK)

cancer progression

Davide Bedognetti (Tumor Biology, Immunology and Therapy, Division of Translational

The microbiota in cancer progression

immunotherapy in breast cancer

16.00 Break

Role of CAF heterogeneity in immunosuppression and resistance to

Maria Rescigno (Mucosal Immunology and Microbiota Unit, Humanitas Research Hospital, Rozzano, IT)

Medicine, Research Branch, Sidra Medical and Reaserch Center, Doha, QA)

Fatima Mechta-Grigoriou (Institute Curie and Inserm, Paris, FR)

17.30 The Matrix Connection Between Tumor and Immunity

CLINICAL SESSION
Chairs: Federico Cappuzzo, Antonio Maria Grimaldi

Mario Colombo (IRCCS National Cancer Institute, Milan, IT)

09.00 The immunotherapy revolution: lessons from melanoma and perspectives across multiple tumor types

09.40

10.10

10.40

12.40

13.10

Alexander M.M. Eggermont (Erasmus University of Rotterdam, NL)

Wednesday, March 31ST

Frances Balkwill (Queen Mary University of London, UK)

Tumor microenvironment and immune cell exclusion in breast cancer

Deconstructing and reconstructing the ovarian cancer microenvironment

The role of CDX2 and inflammation-associated cytokines in localized colon cancer

Emanuela Romano (Center for Cancer Immunotherapy, Institute Curie, Paris, FR)

11.10 Break

11.40 Targeting tumor microenvironment to increase the efficacy of radiotherapy Eric Deutsch (Gustave Roussy, Paris, FR)

Andres Cervantes (University of Valencia, ES)

12.10 New Combination Strategies
Paolo Antonio Ascierto (Division of Oncology, IRCCS National Cancer Institute "Fondazione G. Pascale"

Naples, IT)

Anna Spreafico (Division of Oncology and Dermatology, The Princess Margaret Hospital, Toronto, CA)

Increasing knowledge on tumor microenvironment through clinical trials

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UNDER THE AUSPICIES OF

Closing Remarks
Gennaro Ciliberto



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