



Organized by

Department of Translational Molecular Pathology University of Texas MD Anderson Cancer Center Houston (Texas -USA)

Department of Tumor Biology
University Medical Center Hamburg-Eppendorf
Hamburg (Germany)

Congress Center | Old Post Office Building
Washington DC | May, 11th | 13th 2017

Co-Presidents of the symposium

Ignacio I. Wistuba

Department of Translational Molecular Pathology University of Texas MD Anderson Cancer Center Houston (TX-USA)

Klaus Pantel

Department of Tumor Biology University Medical Center Hamburg-Eppendorf Hamburg (Germany)

Promoted by

Fondazione Internazionale Menarini

Centro Direzionale Milanofiori Edificio L - Strada 6 20089 Rozzano, Milan (Italy) Phone: +39 02 55308110

Fax: +39 02 55305739 milan@fondazione-menarini.it www.fondazione-menarini.it

Organizing Secretariat

DueCi Promotion srl

Via C. Farini, 28 40124 Bologna (Italy) Phone: +39 051 4841310

Fax: +39 051 247165

ggrillenzoni@duecipromotion.com www.duecipromotion.com

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PROGRAM

3:00-4:00 pm	Registration	SESSION II • Chairs: C. Alix-Panabieres (Montpellier, F), K. Pantel (Hamburg, D)	
4:00-4:15 pm	Welcome ceremony I. Wistuba (Houston, TX-USA), K. Pantel (Hamburg, D) Presidents of the congress A. Casini President of Fondazione Internazionale Menarini	Intra-tumor heterogeneity on immune response and single cell analysis	
		8:00-8:30 am	S. Abrignani (Milan, I) Heterogeneity of intratumoral T lymphocytes
SESSION I • C	Chairs: N.H. Stoecklein (Düsseldorf, D), F. De Braud (Milan, I)	8:30-9:00 am	T. Shibata (<i>Tokyo</i> , <i>J</i>) Inter-patient heterogeneity in tumor microenvironment
Intra-tumor heterogeneity and genomics		9:00-9:30 am	J. Zhang (Houston, TX-USA) Intra-tumor heterogeneity of lung cancer: beyond genomics
4:15-4:45 pm	M.R. Wang (Beijing, CN) Molecular alterations and intratumor heterogeneity in esophageal squamous cell carcinoma	9:30-10:00 am	R. Dolcetti (Brisbane, AUS) Personalized immunotherapy to overcome cancer heterogeneity
4:45-5:15 pm	M. Snuderl (New York, NY-USA) Temporospatial heterogeneity of brain tumors	10:00-10:30 am	Coffee break
5:15-5:45 pm	J.P. Castaño (Córdoba, E) Alternative splicing: an emergent hallmark in cancer and in tumor heterogeneity	10:30-11:00 am	S.A. Mani (Houston, TX-USA) Role of cancer cell plasticity in tumor heterogeneity
5:45-6:15 pm	C. Bomzer (Milwaukee, WI-USA) Breast cancer: genomic heterogeneity. A clinician's perspective	11:00-11:30 am 11:30-12:00 am	CTC-analysis: new insights through molecular single cell analysis
Chairs: I. Wist	stuba (Houston, TX-USA), K. Pantel (Hamburg, D) A. Futreal (Houston, TX-USA) Keynote: Implications of intra-tumor heterogeneity for therapy		Dissecting the tumor ecosystem with single cell RNA-Seq
6:15-7:00 pm		12:00-12:30 pm	G. Stanta (<i>Trieste, I</i>) Tumor heterogeneity: a complex approach for clinical research and diagnostics
7:00-8:00 pm	Welcome reception	12:30-2:00 pm	Lunch

SESSION III • Chairs: I. Wistuba (Houston, TX-USA) A. Scarpa (Verona, I)		
Intra-tumor he	terogeneity and cancer therapy	
2:00-2:30 pm	F. De Braud (Milan, I) Mechanism of resistance to target therapy and treatment strategy in solid tumors: focus on lung and colorectal can	
2:30-3:00 pm	P. Metrakos (Montreal, CA) Heterogeneity in colorectal cancer metastasis and response to therapy: Vessel co-option mediates resistance to anti-angiogenic therapy in liver metastases	
3:00-3:30 pm	R. Rosell (Barcelona, E) Kinome reprogramming in EGFR mutant NSCLC	
3:30-4:00 pm	Coffee break	
4:00-4:30 pm	C. Paoletti (Ann Arbor, MI-USA) Using liquid biopsy to detect diverse mechanisms of resistance to endocrine therapy in hormone-receptor positive metastatic breast cancer	
4:30-5:00 pm	M. Scaltriti (New York, NY-USA) PI3K inhibitors, how to treat and who?	
5:00-5:30 pm	A. Scarpa (Verona, I) Cancer heterogeneity and molecular diagnostics	

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5:00-5:30 pm	A. Scarpa (Verona, I) Cancer heterogeneity and molecular diagnostics
5:30 -6:00 pm	S.L. Carter (Boston, MA-USA) Computational dissection of intra-tumor genetic heterogeneity and applications to the study of cancer treatment, evolution, and metastasis

SESSION IV • Chairs: J.W. Janni (Ulm, D) D. Marchetti (Houston, TX-USA)

Intra-tumor heterogeneity and liquid biopsy

8:30-9:00	K. Pantel (Hamburg, D) Circulating tumor cells: molecular characterization and clinical applications in patients with solid tumors
9:00-9:30 am	C. Alix-Panabieres (Montpellier, F) Molecular portrait of metastasis-competent CTCs in colon cancer
9:30-10:00 am	H.A. Alvarez (Houston, TX-USA) Time and space continuum of tumor evolution through liquid biopsies
10:00-10:30 am	D. Marchetti (Houston, TX-USA) Transcriptomic interrogation and biomarker heterogeneity of breast cancer CTCs associated with brain metastasis
10:30-11:00 am	Coffee break
11:00-11:30 am	D. Rothwell (Manchester, UK) Utilising CTCs to investigate tumour molecular status and heterogeneity in small cell lung cancer
11:30-12:00 am	J.W. Janni (Ulm, D) Clinical utility and perspectives of CTCs in advanced breast cancer
12:00-12:30 am	L. Terstappen (Enschede, NL) CTCs: past, present and future
	I. Wistuba (Houston, TX-USA), K. Pantel (Hamburg, D) Closing remarks
13:00-2:00 pm	Farewell lunch

FACULTY

Abrignani Sergio

National Institute of Molecular Genetics "Romeo ed Enrica Invernizzi" and Università degli Studi di Milano, Italy

Alix-Panabieres Catherine

Laboratoire Cellules Circulantes Rares Humaines (LCCRH), Département Biopathologie Cellulaire et Tissulaire des Tumeurs, CHRU de Montpellier, Université de Montpellier, France

Alvarez Hector A.

Sheikh Ahmed Bin Zayed Al Nahyan Center for Pancreatic Cancer Research, The University of Texas MD Anderson Cancer Center, Houston, TX-USA

Bomzer Charles

Aurora Cancer Care, Milwaukee, WI-USA

Carter Scott L.

Harvard Chan School of Public Health Department of Biostatistics and Computational Biology, Dana-Farber Cancer Institute Broad Institute, Joint Center for Cancer Precision Medicine, Boston, MA-USA

Castaño Justo P.

IMIBIC - Maimónides Institute for Biomedical Research at Córdoba and University of Córdoba, Spain

De Braud Filippo

Department of Oncology, Università degli Studi di Milano; Department of Medical Oncology IRCCS Istituto Nazionale dei Tumori di Milano, Italy

Dolcetti Riccardo

University of Queensland Diamantina Institute, Translational Research Institute, Brisbane, Australia CRO-National Cancer Institute, Aviano, Italy

Futreal Andrew

The University of Texas MD Anderson Cancer Center, Houston, TX-USA

Janni Johann W.

Department of Gynecology and Obstetrics, University Hospital Ulm, Ulm, Germany

Mani Sendurai A.

Department of Translational Molecular Pathology, Division of Pathology/Lab Medicine, The University of Texas MD Anderson Cancer Center, Houston, TX-USA

Marchetti Dario

Biomarker Research Program Institute of Academic Medicine, Houston Methodist Research Institute, Houston, TX-USA

Metrakos Peter

Multi-Organ Transplant Program and Hepatic, Pancreatic and Biliary Program at McGill University Health Center, Glen Site at the Royal Victoria Hospital, Montreal, Canada

Pantel Klaus

Department of Tumor Biology, University Medical Center Hamburg-Eppendorf, Hamburg, Germany

Paoletti Costanza

Department of Internal Medicine, Division of Hematology Oncology, University of Michigan Comprehensive Cancer Center, Ann Arbor, MI-USA

Rosell Costa Rafael

Cancer Biology and Precision Medicine Program, Catalan Institute of Oncology, Hospital Germans Trias i Pujol, Badalona, Barcelona, Spain

Rothwell Dominic G.

Clinical and Experimental Pharmacology Group, Cancer Research UK Manchester Institute, The University of Manchester, UK

Rozenblatt-Rosen Orit

Scientific Director, Klarman Cell Observatory, Broad Institute of MIT and Harvard, Cambridge, MA-USA

Scaltriti Maurizio

Department of Pathology and Human Oncology & Pathogenesis Program Translational Science, Center for Molecular-Based Therapies, Memorial Sloan Kettering Cancer Center, New York, NY-USA

Scarpa Aldo

ARC-Net Research Centre Department of Pathology, University and Hospital Trust of Verona, Italy

Faculty

Shibata Tatsuhiro

Laboratory of Molecular Medicine, The Institute of Medical Science, The University of Tokyo, Japan

Snuderl Matija

Department of Pathology, New York University, New York, NY-USA

Stanta Giorgio

Department of Medical Sciences, University of Trieste, Italy

Stoecklein Nikolas

Hendrik Experimental Surgical Oncology, Department for General, Visceral, and Pediatric Surgery, University Hospital and Medical Faculty of the Heinrich-Heine-University Düsseldorf, Germany

Terstappen Leon

Medical Cell Biophysics, University of Twente, Enschede, The Netherlands

Wang Ming-Rong

State Key Laboratory of Molecular Oncology, Cancer Hospital, Peking Union Medical College, Chinese Academy of Medical Sciences, Beijing, China

Wistuba Ignacio I.

Department of Translational Molecular Pathology, The University of Texas MD Anderson Cancer Center, Houston, TX-USA

Zhang Jianjun

The University of Texas MD Anderson Medical Center, Houston, TX-USA

GENERAL INFORMATION

Meeting venue

The venue for the symposium is Congress Center Old Post Office Building 1100 Pennsylvania Ave NW Washington, DC 20004 - USA

Secretariat during the meeting

The Secretariat will be open at the following times: Thursday May 11^{th} from 03:00 p.m. to 07:00 p.m. Friday May 12^{th} from 07:30 a.m. to 06:00 p.m. Saturday May 13^{th} from 08:00 a.m. to 03:00 p.m.

Official language

The official language of the meeting is English. Simultaneous translation will not be provided.

Attendees' registration

The symposium is free to attend, but on line registration is required.

Please link to the organizing secretariat website: www.duecipromotion.com

On line registrations will be accepted on a first-come, first-served basis and may be closed in advance whenever the maximum number of participants allowed in the venue will be reached.

Registration includes

Access to scientific sessions, welcome reception, coffee breaks, lunch, program book, certificate of attendance.

