



DEPARTMENT OF INTERNAL MEDICINE AND CLINICAL ONCOLOGY
University of Bari "Aldo Moro"

Innovation in clinical oncology: Oncogenomics for diagnosis and treatment

Preliminary Program

Bari, June 23-24, 2016

Villa Romanazzi Carducci
Via Giuseppe Capruzzi 326 – 70124 - Bari

e20convegni s.r.l.

Via Tasselgardo, 68 - 76125 Trani (Bt)

Tel. 0883/954886 - 392/9984388 Fax 0883/954388

Web: www.e20convegni.it – Mail: info@e20convegni.it

P.IVA/C.F. 07010960727



Thursday – June 23, 2016

08.00 Participant registration

08.30 Presentation of the meeting

Chairmen: Franco Silvestris, Franco Dammacco

WELCOME ADDRESSES

Antonio Uricchio, Rector of the University of Bari

Paolo Livrea, Dean of the Medical Faculty of Bari

Vitangelo Dattoli, General Director of the University-Hospital 'Policlinico'

Session 1

The OMICS revolution: from lab bench to bed side

Chairmen: Nicoletta Resta (Bari, I), Pierosandro Tagliaferri (Catanzaro, I)

09.00 **Lecture**

Genomic heterogeneity as evolutionary pressure in cancerogenesis

Mel Greaves (London, UK)

09.25

Cancer stem cells: role in tumor progression and treatment resistance

Ruggero De Maria (Rome, I)

09.45

Targeting Hedghog and Notch in colorectal cancer stem cells

Riccardo Fodde (Rotterdam, NL)

10.05

miRNAs and circulating tumor DNA in renal cancer diagnosis and prognosis

Giampaolo Tortora (Verona, I)

10.25

Oncogenomics: current approach for cancer treatment

Franco Silvestris (Bari, I)

10.45

Discussion

11.00

Coffee break

11.15

Guest Lecture

Chairmen: Franco Silvestris (Bari I), Angelo Vacca (Bari I)

The evolving spectrum of anti-myeloma treatments: from nitrogen mustards to the targeted therapy

Franco Dammacco (Bari)

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Session 2

Gastrointestinal cancers: molecular diagnosis and treatment

Chairmen: *Santa Bambace (Barletta, I), Vito Lorusso (Bari, I)*

- 11.40 **Lecture**
Antiangiogenic versus anti-EGFR drugs: the best sequence for metastatic colorectal cancer
Josep Tabernero (Barcelona, E)
- 12.05 Resistance to EGFR targeting treatments in colorectal cancer
Alberto Bardelli (Candiolo, I)
- 12.25 Circulating DNA and protein biomarkers for TKI treatment in metastatic colorectal cancer
Alberto Sobrero (Genoa, I)
- 12.45 Rationale for immunotherapy in gastrointestinal malignancies
Paola Allavena (Milan, I)
- 13.05 Gastric cancers: a molecular roadmap for patient stratification and targeted therapies
Giuseppe Aprile (Udine, I)
- 13.25 Nanotechnology-based treatment of pancreatic cancer
Stefano Cascinu (Ancona, I)
- 13.45 Discussion

Light Lunch

Session 3

Perspectives in breast cancer genomics

Chairmen: *Mario Brandi (Barletta, I), Saverio Cinieri (Brindisi, I)*

- 15.00 **Lecture**
The druggable breast cancer genome: clinical implications of genomic discoveries
Jonas Bergh (Stockholm, SE)
- 15.25 Overcoming resistance in breast cancer: mTOR inhibitors and new drugs
Sabino De Placido (Naples, I)
- 15.45 Molecular profiles of triple negative breast cancer: toward personalized therapies
Aron Goldhirsch (Milan, I)

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- 16.05 HER2 positive breast cancer: finding new therapeutical strategies
Luca Gianni (Milan, I)
- 16.25 Early breast cancer: molecular investigations beyond histology and clinical management
Angelo di Leo (Prato, I)
- 16.45 Role of circulating tumor cells in BC patients
Mario Giuliano (Naples, I)
- 17.05 Discussion
Coffee break

Session 4

Lung Cancer: role of genomics in clinical practice

Chairmen: *Evaristo Maiello (San Giovanni Rotondo, I), Giammarco Surico (Lecce, I)*

- 17.20 **Lecture**
Treatment of early stage lung adenocarcinoma: role of prognostic signatures
Giorgio V. Scagliotti (Turin, I)
- 17.45 EGFR mutations: impact on treatment beyond erlotinib and gefitinib
Cesare Gridelli (Avellino, I)
- 18.05 Advanced NSCLC: integrating novel biomarkers into practice
Gabriella Sozzi (Milan, I)
- 18.25 Gene fusions in NSCLC: ALK, ROS, RET and related treatments
Federico Cappuzzo (Livorno, I)
- 18.45 Anti-PD1 and anti-CTLA4 in NSCLC
Michele Maio (Siena, I)
- 19.05 Circulating tumor cells and ctDNA in NSCLC: a role for treatment decision
Nicola Normanno (Naples, I)
- 19.25 Discussion

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Session 5

Genomics in genitourinary cancer management

Chairmen: *Michele Battaglia (Bari, I), Giuseppe Loverro (Bari, I)*

- 09.00 **Lecture**
Impact of molecular classification on clinical management of ovarian cancer
Estrid Høgdall (Copenhagen, DK)
- 09.25 Development of PARP inhibitors for BRCA-Deficient Epithelial Ovarian Cancer
Pierfranco Conte (Padua, I)
- 09.45 TKIs in renal cell carcinoma: what can we expect for the future?
Cora Sternberg (Rome, I)
- 10.05 Emerging immunotherapies for renal cell carcinoma.
Bernard Escudier (Paris, F)
- 10.25 Circulating tumor cells as surrogate biomarker for overall survival in metastatic prostate cancer
Johann De Bono (London, UK)
- 10.45 Radium-223 Dichloride in Castration-Resistant Prostate Cancer Patients With Bone Metastases
(To be identified)
- 11.05 Discussion

Coffee break

Session 6

Melanoma and sarcoma

Chairmen: *Massimo Aglietta (Turin, I), Michele Maio (Siena, I)*

- 11.20 **Lecture**
Genomic landscape of soft tissue sarcomas: rationale for TKIs
Massimo Aglietta (Turin, I)
- 11.45 Personalized medicine in gastrointestinal stromal tumors
Guido Biasco (Bologna, I)

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- 12.05 BRAF-mutant melanoma: treatment approaches and resistance mechanisms
Paola Queirolo (Genoa, I)
- 12.25 Immunotherapies and novel combinations: advances in the treatment of melanoma
Paolo Ascierto (Naples, I)
- 12.45 Immunological and genetic biomarkers: prediction of treatment response
Marco Tucci (Bari, I)
- 13.05 Molecular pathways in melanomagenesis: characterization of new therapeutic targets
Giuseppe Palmieri (Sassari, I)
- 13.25 Discussion
Light lunch

Session 7

Oncogenomics in clinical management

Chairmen: *Paolo Marchetti (Roma, I)*, *Leonardo Resta (Bari, I)*

- 15.00 **Lecture**
Prognostic and predictive role of circulating tumor cells in neuroendocrine tumors
Tim Meyer (London, UK)
- 15.25 Liquid biopsy and genomic assessment: a role in clinical practice?
Paolo Marchetti (Rome, I)
- 15.45 NSCLC: applications of liquid biopsy
Paola Cafforio (Bari, I)
- 16.05 Circulating miRNAs as biomarkers in NSCLC
Antonio Russo (Palermo, I)
- 16.25 Controversies in clinical use of circulating tumor cells
Zamarchi Rita (Padua, I)
- 16.45 Sequencing a single CTC for genomic assessment
Pamela Pinzani (Florence, I)

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- Workshop** Toward an oncogenomic network in Apulia region
Chairmen: *Franco Silvestris (Bari, I), Leonardo Resta (Bari, I)*
- 17.05 CROG: resources and connections
Franco Silvestris (Bari, I)
- 17.25 Results from the first year
Raffaele Palmirotta (Bari, I)
- 17.45 CROG: territorial extension and perspectives
Eugenio Maiorano, Nicoletta Resta, Franco Silvestris (CROG, Bari I)
- 18.05 Discussion
- Concluding remarks*

Secretary

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Organizing committee

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Mario Brandi
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Vito Lorusso
Giuseppe Loverro
Eugenio Maiorano
Nicola Palasciano
Leonardo Resta
Nicoletta Resta
Franco Silvestris
Angelo Vacca

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