

IMMUNOTHERAPY MEETS LUNG CANCER:



***New treatments for
non small cell lung cancer***

and

***3rd International Cancer
Vaccine Meeting***

***Borgo San Luigi, Monteriggioni
SIENA, ITALY***

con il patrocinio di:



Associazione
Italiana
Radioterapia
Oncologica



Comune
di Monteriggioni



GOIM
EUROPEAN SOCIETY
ITALIA IMMUNOLOGICA



S.H.R.O.
SBARRO HEALTH RESEARCH ORGANIZATION



UNIVERSITÀ
DI SIENA 1240

APRIL, 8 - 9 - 10, 2016

SIENA



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DEI PASCHI
DI SIENA**
BANCA DAL 1472

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Luigi Pirtoli (Siena)

Antonio Giordano (Siena / USA)

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Università degli studi di Siena - (SI)

APRIL 8th 2016

09:00 - 10:00 AUTHORITY SALUTATION

I - STANDARD TREATMENT

Chairmen: Prof. **S. M. Magrini** and **Prof. P. Tagliaferri**

10:00 - 10:20 Real entity of the problem; Incidence, diagnosis, staging
Prof. **L. Volterrani**

10:20 - 10:40 Importance of Multidisciplinary and taking in care
Prof. **A. Santo**

10:40 - 11:00 The Role of Surgery
Prof. **G. Gotti**

11:00 - 11:10 PAUSA

11:10 - 11:30 The role of Radiotherapy
Dr. **P. Tini**

11:30-11:50 Prevention and treatment of infections in patients undergoing immunosuppressive Therapy
Prof. **A. De Luca**

11:50 - 12:10 The approach to Small Cell Lung Cancer In the 21st Century
Prof. **C. Pietanza**

11:50 - 12:10 Small cell lung and neuro-endocrine cancer
Dr. **R. Addeo**

12:10 - 12:40 Is there still a role for chemotherapy in advanced NSCLC?
Prof. **A. Rossi**

12:40 - 13:00 Anti-angiogenic treatments in advanced NSCLC
Prof. **V. Barbieri**

13:00 - 13:30 Immunotherapy finally meets NSCLC
Prof. **P. Tagliaferri**

13:30 - 15:00 PAUSA

II - EVOLUTION OF TARGET THERAPY

Chairmen: Prof. **C. Gridelli** and Prof. **L. Pirtoli**

15:00 - 15:20 Liquid biopsy development, a critical role for mNSCLC treatment
Prof. **A. Russo**

15:20 - 15:40 Critical role of the molecular pathologist
Prof. **C. Bellan**

15:40 - 16:00 miRNAs and Non coding RNAs as new diagnostic and prognosis markers in NSCLC
Prof. **M. Caraglia**

16:30 - 17:00 Inhibition of Alk/EML pathway
Prof. **C. Gridelli**

17:00 - 17:30 New target pathways
Dr.ssa **N. Pasinetti**

17:30 - 18:00 Costs and affordability
Prof. **S. Palazzo**

18:00 - 18:30 From genomics to patient care
Prof. **A. Giordano**

18:30 - 19:00 Round table and conclusion of the day

C. Gridelli, A. Rossi, P. Tagliaferri, P. Correale, S. Palazzo, L. Volterrani, A. Giordano, L. Pirtoli, C. Bellan

19:00 COMMENTS ON THE DAY

APRIL 9th 2016

3rd International Cancer Vaccine Meeting

I - IMMUNOTHERAPY AND CANCER

Chairmen: Dr.ssa **S. Quaratino** and Dr. **P. Correale**

- 08:30 - 09:00** History of Immunotherapy a lesson never learned
Prof. **P. Tagliaferri**
- 09:00 - 09:30** Future prospectives in cancer immunotherapy
Dr.ssa **S. Quaratino**
- 10:00 - 10:30** Development for peptide cancer vaccine, lesson from clinical trial, and possibility for the combination with immune check point inhibitors
Prof. **T. Tsunoda**
- 10:30 - 10:40** PAUSA

II - IMMUNOTHERAPY IN COMBINATION

Chairmen: Prof. **K. Y. Tsang** and Prof. **K. Kosmatopoulos**

- 10:40 - 11:00** Optimized cryptic tumor antigens: neo-antigen-like cancer vaccines with broad Application
Prof. **K. Kosmatopoulos**
- 11:00 - 11:20** Active-specific immunotherapy aimed to thymidylate synthase inhibition
Dr. **P. Correale**
- 11:20 - 11:40** Exploring the Synergy of Combination Immunotherapy Strategies
Prof. **J. Gulley**
- 11:40 - 12:00** Preclinical rationale to combine advanced radiotherapy and immunotherapy
Dr. **A. Helm**

III - IMMUNOTHERAPY AND IMMUNE-MODULATION

Chairmen: Prof. **M. Sitkovsky** and Prof. **J. Berzofsky**

- 12:00 - 12:30** Conceptually novel anti-hypoxia-A2-adenosinergic co-adjuvants to enable effective cancer vaccines, adoptive cell transfer, and blockade of CTLA4/PD1
Prof. **M. Sitkovsky**
- 12:30 - 13:00** Stress, Death, Immunity and Cancer Therapy
Prof. **L. Galluzzi**
- 13:00 - 13:30** Cancer vaccine strategies: translation from mice to human clinical trials
Prof. **J. Berzofsky**
- 13:30 - 15:00** PAUSA

IV EXPERIMENTAL MODELS

Chairmen: Prof. **E. Bonmassar** and Prof. **A. Giordano**

- 15:00 - 16:00** The generation and analysis of a novel combination of recombinant adenovirus vaccines targeting three tumor antigens as an immunotherapeutic
Prof. **K. Y. Tsang**
- 16:00 - 16:20** Immunotherapy Principles and Combinations Investigated in the treatment of Prostate Cancer
Prof. **A. Madan Ravi**
- 16:20 - 16:40** Omics-based approaches in cancer immunology: the next frontier of translational oncology
Prof. **C. Botta**
- 16:40 - 17:00** Integrating Genomics and Immunology toward Precision Immunotherapy in Lung Cancer
Dr.ssa **T. Franchina**

APRIL 10th 2016

- 17:20 - 17:40** Do we need dendritic cell for the new generation of immunotherapy strategies?
Prof.ssa **M. Nuti**
- 17:40 - 18:00** Cancer Immunotherapy:
Chemical xenogenization and immune checkpoint inhibitors
Prof. **E. Bonmassar**
- IV ANTIBODIES INVOLVEMENT IN CANCER IMMUNOLOGY**
- Chairmen: Prof. **Philip Arlen** and Prof. **Vincenzo Adamo**
- 18:00 - 18:15** Design and Development of immunogenic Mabs targeting novel tumor specific antigens
Prof. **P. Arlen**
- 18:15 - 18:30** Discovery and development of a novel monoclonal antibody, NEO-201, targeting solid tumors
Prof.ssa **C. M. Annunziata**
- 18:30 - 18:40** Immunological effects of Cetuximab in colon cancer patients a new modality in a old strategy
Dr. **P. Pastina**
- 18:40 - 18:50** Immunomodulating effects of anti-VEGF mAbs
Dr.ssa **F. Vanni**
- 18:50 - 19:50** Round Table:
anticancer immunotherapy: current results, trial Interpretations and realistic expectation
J. Berzofsky, M. Sitkovsky, P. Tagliaferri, K. Y. Tsang, J. Gulley, M. Nuti, E. Bonmassar, J. Greiner, P. Correale
- 20:00** COMMENTS ON THE DAY

**CONCLUSION OF THE WORKS
AND SELECTED ORAL COMMUNICATIONS**

Chairmen: **P. Tagliaferri** and **M. Caraglia**

Time 9-10 (5 minute presentations)

11.00

CHAIRS' COMMENTS ON THE DAY AND QUESTIONNAIRE ECM

***New treatments for
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and

***3rd International Cancer
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ABSTRACT INSTRUCTION

Abstract must be sent by email to Carmen Battaglia
carmenbattaglia@ble-group.com

Deadline abstract: **30 March 2016**

Please indicate if you want to prepare a poster (70x100 cm)

Abstracts should be submitted by the presenting author only and must be written in English. You may use standard word processor formatting such as italics, underlined, super- and subscript, as well as special characters (including Greek letters).

TITLE

The title must start in uppercase and continue in lowercase, except for conventional terms.

AUTHORSHIP

If more than one author, underline your name (the presenting author, in whatever position you appear in the author list) and use commas to separate the names; do not use 'and' before the last author. Write first name(s) as initials and surname in full.

If more than one affiliation, use sequential superscript numbers to identify each institution.

TEXT

Keep the abstract text to within 2000 characters, spaces included (this is roughly equivalent to 250 words). Use Times 12.

The conference is accredited Agenas with number 363-151578 and entitles 13.5 CME credits for the following professionals: **Pharmacists – Biologists - Chemists - Surgeons**: Hematology; medical genetics; infectious diseases; internal Medicine; oncology; radiotherapy; cardiac surgery; general surgery; thoracic surgery; pathological anatomy; anesthesia and resuscitation; biochemistry clinical; clinical pharmacology and toxicology; Laboratory of Medical Genetics; medicine nuclear; microbiology and virology; clinical pathology (clinical chemical analysis laboratory and microbiology); diagnostic radiology; general practitioners (family doctors).

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It required the utmost respect of the start time of the work.

After 15 minutes of the time shown for the registration it allowed to access to the Meeting room as listeners.

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Doctors / Pharmacists / Biologists / Chemists

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TO REACH THE CONGRESS VENUE

BY CAR

From North:

Motorway A1, exit Firenze Certosa; continue along the bypass towards Siena, exit Monteriggioni, turn right and follow the signs to Monteriggioni, after 600 meters turn right again to Colle di Val D'Elsa, the first stop sign turn right, at the second stop sign turn left towards Monteriggioni, after about 2 km you find a dirt road and on the right, the sign "Borgo San Luigi Residence", take the dirt road and after about 2 km you find the "Borgo San Luigi".

From South:

Motorway A1, exit Bettolle towards Siena; continue along the bypass towards Siena - Firenze, exit Monteriggioni, turn left and follow the signs to Monteriggioni and after 600 meters turn right to Colle di Val D'Elsa (there is a bar on the corner) after about 3 km you find a dirt road on the left the "Borgo San Luigi Residence" sign, take the dirt road and after about 2 km you find the "Borgo San Luigi."

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Departure from Siena to Monteriggioni guaranteed every 2 hours

Lines: 130, 1310, 136

journey time 23 minutes

BY TAXI

Departure from Siena

Distance 14.5 km

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