

# IMMUNOTHERAPY MEETS **LUNG** CANCER:



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

and

***3<sup>rd</sup> International Cancer  
Vaccine Meeting***

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

*con il patrocinio di:*



Associazione  
Italiana  
Radioterapia  
Oncologica



Comune  
di Monteriggioni



GOIM  
GRUPPO ITALIANO  
ITALIA MEDICINALE



**S.H.R.O.**  
SARBO HEALTH RESEARCH ORGANIZATION



UNIVERSITÀ  
DI SIENA 1240

APRIL, **8 - 9 - 10**, 2016

**SIENA**



THANKS TO:

AstraZeneca 

 Bristol-Myers Squibb

MERCK

Pfizer

  
Pierre Fabre  
Pharma

Roche



**MONTE  
DEI PASCHI  
DI SIENA**  
BANCA DAL 1472

## Organizers:

**Pierpaolo Correale** (Siena)

**Luigi Pirtoli** (Siena)

**Antonio Giordano** (Siena / USA)

## Scientific Committee:

**Pierpaolo Correale** (Siena)

**Luigi Pirtoli** (Siena)

**Antonio Giordano** (Siena / USA)

**Pietrosandro Tagliaferri** (Catanzaro)

**Kwong Yok Tsang** (USA)

**Kostas Kosmatopoulos** (Greece)

## Scientific Secretariat:

**Caterina Tiravelli**

## Faculty

**Christina Messineo Annunziata**

NCI - Bethesda, MD (USA)

**Vincenzo Adamo**

Università di Messina (ME)

**Raffaele Addeo**

ASL Napoli 2 nord (NA)

**Philip M. Arlen**

Precision Biologics., Rockville (USA)

**Vito Barbieri**

Azienda Ospedaliera - Universitaria "Mater Domini" (CZ)

**Cristiana Bellan**

Università degli studi Siena (SI)

**Jay Arthur Berzofsky**

NCI - Bethesda, MD (USA)

**Enzo Bonmassar**

Università di Tor Vergata di Roma (RM)

**Cirino Botta**

Università degli Studi Magna Grecia di Catanzaro (CZ)

**Michele Caraglia**

Seconda Università degli Studi di Napoli (NA)

**Pierpaolo Correale**

Azienda Ospedaliera Universitaria Senese (SI)

**Andrea De Luca**

Università degli Studi di Siena (SI)

**Tindara Franchina**

Università di Messina (ME)

**Lorenzo Galluzzi**

Centre de Recherche des Cordeliers de Jussieu, Parigi (FR)

**Antonio Giordano**

Università degli studi di Siena (SI)  
Temple University Philadelphia

**Giuseppe Gotti**

Università degli Studi, Siena (SI)

**Cesare Gridelli**

Azienda Ospedaliera "San Giuseppe Moscati", Avellino (AV)

**James Gulley**

NCI - Bethesda, MD (USA)

**Alexander Helm**

Università di Trento (TN)

**Kostas Kosmatopoulos**

VAXON Biotech, Parigi (FR)

**Ravi A. Madan**

NCI - Bethesda, MD (USA)

**Stefano Maria Magrini**

Università di Brescia (BS)

**Marianna Nuti**

Università La Sapienza Roma (RM)

**Salvatore Palazzo**

Azienda Ospedaliera di Cosenza (CS)

**Nadia Pasinetti**

Radiation Oncology Dept. - Istituto del Radio "O.Alberti" - Spedali Civili Hospital and Brescia University - Italy

**Pierpaolo Pastina**

Azienda Ospedaliera Universitaria Senese (SI)

**Catherine Pietanza**

Memorial Sloan - Kettering Cancer Center - New York (USA)

**Luigi Pirtoli**

Università degli Studi, Siena (SI)

**Sonia Quarantino**

Novartis Pharma - Svizzera (CH)

**Antonio Rossi**

Azienda Ospedaliera San Giuseppe Moscati di Avellino (AV)

**Antonio Russo**

Azienda Ospedaliera Universitaria Policlinico

"Giaccone" di Palermo (PA)

**Antonio Santo**

Azienda ospedaliera di Verona (VR)

**Michael Sitkovsky**

Harvard Institutes of Medicine - Cambridge, MA (USA)

**Pierosandro Tagliaferri**

Università degli Studi Magna Grecia di Catanzaro (CZ)

**Paolo Tini**

Azienda Ospedaliera Universitaria Senese (SI)

**Kwong Yok Tsang**

NCI - Bethesda, MD (USA)

**Takuya Tsunoda**

Merck Serono – Giappone (JP)

**Francesca Vanni**

Azienda Ospedaliera Universitaria Senese (SI)

**Luca Volterranni**

Università degli studi di Siena - (SI)

# APRIL 8<sup>th</sup> 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 9<sup>th</sup> 2016

## 3<sup>rd</sup> International Cancer Vaccine Meeting

### I - IMMUNOTHERAPY AND CANCER

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

- 08:30 - 09:00** History of Immunotherapy a lesson never learned  
Prof. **P. Tagliaferri**
- 09:00 - 09:30** Future perspectives in cancer immunotherapy  
Dr.ssa **S. Quarantino**
- 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**

- 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

# APRIL 10<sup>th</sup> 2016

## **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 non small cell lung cancer***

and

## ***3<sup>rd</sup> International Cancer Vaccine Meeting***

# 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).

For the achievement of CME credits, registration is mandatory at the Organizational Secretariat desk, where you can take your congress kit and CME forms.

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.

CME Credits will be issued only once we verify the actual presence of 100% entire duration of the event, filling and overcoming the CME questionnaire.

The CME certificate will be sent by e-mail at the address provided during registration by July 20<sup>th</sup>, 2016.

The certificate of participation will be take at the Organizational Secretariat Desk upon delivery of the conference badges.

Provider

Ble Consulting srl

Provider Standard n. 363

t: 0823 301653 - f: 0823 361086 - w: ble-group.com

Project manager: Carmen Battaglia

CME CREDITS

## Registration fees (VAT included)

CME credits / Coffee Break and Light Lunch  
conference kit

### Doctors / Pharmacists / Biologists / Chemists

€ 350.00

### Students / graduate students / PhD students

€ 250.00

CME credits / Coffee Break and Light Lunch  
conference kit / 2 nights

### Doctors / Pharmacists / Biologists / Chemists

€ 750.00

### Students, graduate students and PhD

€ 600.00

# REGISTRATION FORM

Name and Surname .....

Qualification..... Affiliation.....

Invited by (sponsor name).....

C. F. .... VAT .....

Address..... Zip code.....

Phone.....Fax.....E-mail.....

#### Registration fees (VAT included)

☐ Doctors / Pharmacists / Biologists / Chemists € 350,00 ☐ Students / graduate students / PhD students €250,00

☐ Doctors / Pharmacists / Biologists / Chemists € 750,00 ☐ Students / graduate students / PhD students €600,00

#### PAYMENT:

☐ BY BANK TRANSFER TO:  
Ble Consulting srl  
Cariparma  
Filiale Ag. Maddaloni  
IBAN: IT667J0623074890000056588048

Indicate the reason for the payment : name and surname of the participant and the title of the event.

Please send copy of the payment together with the tab registration completed with all personal details, to the fax number 0823.361086

#### BILLING DATA

Full name of the participant/ Company .....

Address..... ZIP Code .....

City..... Country..... VAT .....

E-mail..... Phone..... Fax.....

Signature .....

Date .....

#### TUTELA DEI DATI PERSONALI-INFORMATIVA

Informative ai sensi dell' art. 13 d. lgs. 196/2003: I Suoi dati saranno trattati, con modalità anche informatiche e senza particolari criteri, da Ble Consulting s.r.l., titolare del trattamento - Via Paul Harris snc Angelo Piazza della Costituzione, 61100 Caserta, per evadere la Sua richiesta di partecipazione al corso o congegno scelto e svolgere le attività a ciò connesse. Il conferimento dei dati anagrafici e di fatturazione sono obbligatori per il suddetto fine, il mancato rilascio dei restanti è facoltativo e non pregiudica il Suo diritto ad evadere la Sua richiesta. I Suoi dati personali possono essere trattati anche da soggetti terzi che svolgono attività strumentali al predetto fine, autonomi titolari di trattamento, tenuti a fornire specifica informativa ai sensi dell'art. 13, d. lgs. 196/2003 sui trattamenti da essi eseguiti. Inoltre, previo consenso, i dati potranno essere trattati per fini di invio di informazioni commerciali anche via fax e via e-mail, su altri servizi o prodotti del titolare. Ai sensi dell' art. 7, d. lgs. 196/2003 può esercitare i relativi diritti fra cui consultare, modificare, aggiornare o cancellare i Suoi dati, rivolgendosi al titolare al succitato indirizzo.

Acconsento di ricevere materiale informativo su altri servizi e prodotti della nostra società, anche via e-mail e fax ?

☐ SI

☐ NO



# CONGRESS VENUE

## **Borgo San Luigi,**

Strada della Cerreta, 7

Loc. Strove - 53035

Monteriggioni (SI)

Tel +39 0577 301055

Fax +39 0577 301167

[info@borgosanluigi.it](mailto:info@borgosanluigi.it)

# 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."

## BY BUS

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

[www.taxisiena.it](http://www.taxisiena.it)

Radiotaxi phone: + 39 0577 49222

## BY TRAIN

[www.trenitalia.com](http://www.trenitalia.com)

telephone information: 89 20 21 to purchase tickets, change bookings and information



*Provider e Segreteria organizzativa*  
*Ble Consulting s.r.l.*  
*Caserta, Milano, Napoli*  
*tel.: 0823 301653 361086*  
*fax: 0823 363828*  
*e-mail: [segreteria@ble-group.com](mailto:segreteria@ble-group.com)*  
*[www.ble-group.com](http://www.ble-group.com)*