

Con il Patrocinio di



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Chirurghi e degli Odontoiatri  
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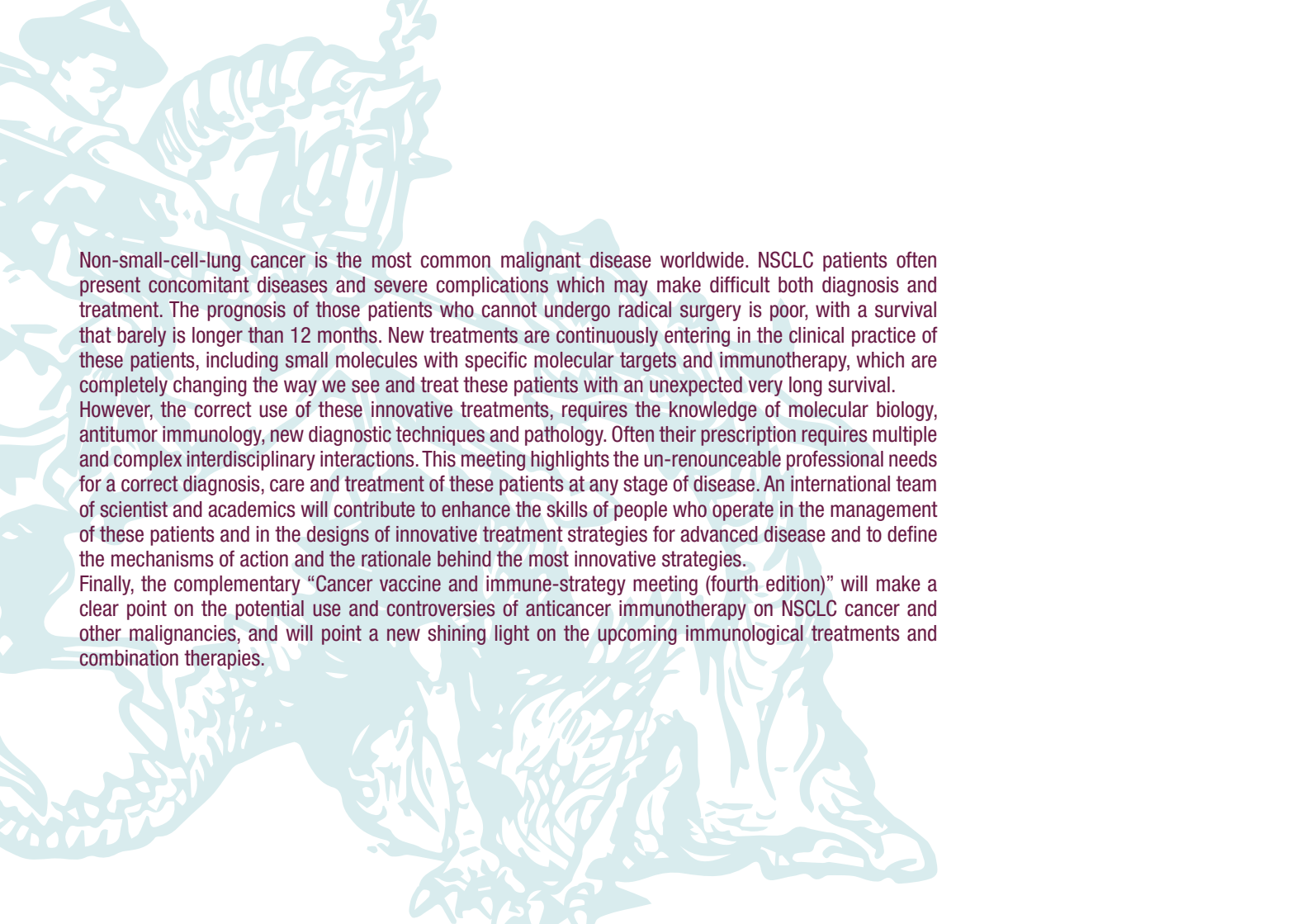
# An INTERNATIONAL MULTIDISCIPLINARY MEETING

**Non-Small-Cell-Lung Cancer under  
the siege of immunotherapy and  
translational Oncology:**  
*from the standard care to immuno-therapy  
and translational paths and  
the 4th International Cancer Vaccine and  
Immuno-strategies Meeting*

**NOVEMBER  
02 | 03 | 04  
2017**

Reggio Calabria, Italy





Non-small-cell-lung cancer is the most common malignant disease worldwide. NSCLC patients often present concomitant diseases and severe complications which may make difficult both diagnosis and treatment. The prognosis of those patients who cannot undergo radical surgery is poor, with a survival that barely is longer than 12 months. New treatments are continuously entering in the clinical practice of these patients, including small molecules with specific molecular targets and immunotherapy, which are completely changing the way we see and treat these patients with an unexpected very long survival.

However, the correct use of these innovative treatments, requires the knowledge of molecular biology, antitumor immunology, new diagnostic techniques and pathology. Often their prescription requires multiple and complex interdisciplinary interactions. This meeting highlights the un-renounceable professional needs for a correct diagnosis, care and treatment of these patients at any stage of disease. An international team of scientist and academics will contribute to enhance the skills of people who operate in the management of these patients and in the designs of innovative treatment strategies for advanced disease and to define the mechanisms of action and the rationale behind the most innovative strategies.

Finally, the complementary “Cancer vaccine and immune-strategy meeting (fourth edition)” will make a clear point on the potential use and controversies of anticancer immunotherapy on NSCLC cancer and other malignancies, and will point a new shining light on the upcoming immunological treatments and combination therapies.

**THANKS TO**

## PRESIDENT

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*T. Tsunoda (Japan)*

*C. Tuscano (Reggio Calabria)*

*L. Volterrani (Siena)*

# NOVEMBER 2<sup>ND</sup> 2017

AUDITORIUM "NICOLA CALIPARI" DEL CONSIGLIO REGIONALE DELLA CALABRIA

## 08.30 *Authority Salutation*

Reggio Calabria's Major, Calabria Region Representatives,  
General Direction of "The Grand Metropolitan BMM Hospital"  
of Reggio-Calabria

## 08.45 *Introduction*

*P. Correale, P. Tagliaferri and P. Tassone*

## **STANDARD CARE AND MANAGEMENT OF LUNG CANCER:**

*Chairmen: S. Palazzo and F. Grossi*

## 09.00 **Dimensional Issues and future perspectives** - *P. Tagliaferri*

## 09.15 **An eager need of multi-disciplinarity** - *A. Santo*

## 09.30 **Emergencies and criticisms** - *A. Ianni*

## 09.45 **Radiological issues** - *L. Volterrani*

## 10.00 **Infectious diseases over lung cancer** - *G. Foti*

## 10.15 **Economic issues and sustainability** - *S. Palazzo*

## 10.30 **Psychological care** - *M. A. Polifrone*

## 10.45 **Doctor-patients communication: the HuCare experience** - *R. Passalacqua*

## 11.00 **Pain control and antalgic procedures** - *S. Criscuolo*

## 11.15 **State of Art and early future** - *F. Grossi*

## 11.30 *Discussion*

## **ACCURACY OF DIAGNOSIS AND PRECISION MEDICINE**

*Chairmen: A. Russo and A. Giordano*

## 12.00 **Precision Medicine : the tissue is the issue** - *A. Russo*

## 12.15 **Access to the tumor : a critical point!** - *L. Luzzi*

## 12.30 **Role of pathology: guidelines** - *C. Bellan*

## 12.45 **Role of Molecular biology** - *A. Giordano*

## 13.00 **Liquid biopsy: actual and future perspective** - *C. Mammi*

## 13.15 **Circulating miRNAs in the diagnosis and prediction of response in lung cancer** - *M. Caraglia*

## 13.30 **Fuori dal Programma ECM Monitoring circulating tumor DNA using OncoBEAM to improve the management of patients throughout therapy** - *F. Jones*

## 13.45 *Light Lunch*

# NOVEMBER 2<sup>ND</sup> 2017

AUDITORIUM "NICOLA CALIPARI" DEL CONSIGLIO REGIONALE DELLA CALABRIA

## STANDARD TREATMENT FROM EARLY TO ADVANCED DISEASE

*Chairmen: N. Arcadi and L. Pirtoli*

- 14.45 **Radical Surgery: State of Art and innovation** - *C. Lequaglie*
- 15.15 **Radiotherapy: state of art and innovation** - *L. Pirtoli*
- 15.30 **Neo-adjuvant Radio/Radiochemotherapy** - *C. Tuscano*
- 15.45 **Role of chemotherapy in advanced NSCLC: state of art** - *A. Rossi*
- 16.00 **New perspective for small cell lung cancer and endocrine tumors** - *G. Altavilla*
- 16.15 **Role and prospective of anti-angiogenic treatments** - *V. Barbieri*
- 16.30 **Radio-chemotherapy and combination with biological drugs** - *S. M. Magrini*
- 16.45 **Potential applications of Texture Analysis** - *V. Nardone*

## MOLECULAR-TARGET SPECIFIC DRUGS

*Chairmen: V. Adamo and R. Chiari*

- 17.00 **Oncological networks for therapeutic innovation for lung cancer** - *V. Adamo*
- 17.15 **Molecular-target specific drugs: EGFR pathway** - *R. Bianco*
- 17.30 **Molecular-target specific drugs: EML-ALK inhibition and New druggable targets** - *R. Chiari*
- 17.45 **Molecular-target specific drugs: Advances and limitations** - *N. Pasinetti*
- 18.00 **NGS, the new frontier in lung cancer diagnosis: beyond the EGFR** - *A. Lombardi*
- 18.15 **Round Table: treatment and care of NSCLC patients:**  
*F. Benedetto, S. Al Sayyad, L. Pirtoli, P. Tagliaferri, F. Grossi, S. Siena, S Palazzo, C. Mammi, C. Lequaglie, L. Volterrani, R. Giannicola, P. Correale*
- 19.00 *End of the day*

# NOVEMBER 3<sup>ND</sup> 2017

CENTRO CONGRESSI LE VELE

*Immunological Treatments for Non-Small-Cell Lung Cancer and 4th International-Cancer Vaccine and Immuno-strategy meeting.*

## **IMMUNOTHERAPY SIEGES LUNG CANCER**

*Chairmen: M. Sitkowsky, and E. L. Reinherz*

- 09.00 **The TCR as a mechano-sensor: basic biology of piconewton force load on the TCR-pMHC bond and implications for immune surveillance as well as cancer immunotherapy - *E. L. Reinherz***
- 09.30 **Current trials of active specific immunotherapy and combination therapy - *T. Tsunoda***
- 10.00 **Immune checkpoints: discovering, meaning and potential applications. What did we learn from melanoma? - *E. Tanda***
- 10.30 **Developing Therapeutic Cancer Vaccine-based Treatment Strategies - *A. Madan Ravi***
- 11.00 **Future perspectives in cancer immunotherapy - *S. Quarantino***
- 11.20 *Coffee Break*
- 11.30 **Environment-specific control of local T-cell responses - *S. Meuer***
- 12.00 **Anti CD38 mAbs in the development of combined Immunotherapy strategies - *F. Malavasi***
- 12.30 **The inevitability of anti-hypoxia-adenosynergic drugs to enable the effective tumor rejection by all types of immunotherapies of cancer - *M. Sitkovsky***
- 13.00 *Lunch*

## **ACTIVE SPECIFIC IMMUNOTHERAPY**

*Chairmen: T. Tsunoda and P. Tagliaferri*

- 15.00 **Principles of active specific immunotherapy - *K. Y. Tsang***
- 15.20 **Stress, Death, Immunity and Cancer Therapy - *P. Tagliaferri***
- 15.40 **Optimized cryptic tumor antigens: neo-antigen-like cancer vaccines with broad Application - *K. Kosmatopoulos***
- 16.00 **A polypeptide-peptide vaccine to thymidylate synthase; Principles of chemo-immunotherapy - *P. Correale***
- 16.20 **Therapeutic HPV vaccine as a test case for next generation in the design of cancer vaccines - *K. Mikyung***
- 16.40 **Omics-based approaches in cancer immunology oncology - *C. Botta***
- 17.00 **Development for peptide cancer vaccine, lesson from clinical trial, and possibility for the combination with immune check point inhibitors - *T. Tsunoda***
- 17.30 *Discussion and end of the day*



# NOVEMBER 4<sup>ND</sup> 2017

CENTRO CONGRESSI LE VELE

## TRANSLATIONAL ONCO-IMMUNOLOGY

Chairmen: *P. Tassone and J. Crown*

- 09.30 **Real World Implications of the molecular and immunology revolution in modern oncology** - *J. Crown*
- 10.00 **Do we need dendritic cell for the new generation of immunotherapy strategies?** - *M. Nuti*
- 10.20 **Dendritic cell vaccines: new tricks from al old dog** - *M. Guidoboni*
- 10.40 **GVL from graft-versus-host disease GVHD and perspective of adoptive immunotherapy** - *P. Irrera*
- 11.00 **Adoptive active specific Immunotherapy; clinical experience in head and neck cancer** - *P. Pedrazzoli*
- 11.20 *Coffee Break*
- 11.30 **Discovery and Development of Antibodies Targeting Immunogenic Neoantigens for Solid Tumor Therapy** - *P. Arlen*
- 11.50 **HER2-targeted therapy of colorectal carcinoma: results and controversies** - *S. Siena*
- 12.10 **Immunological effects of Mabs with potential antitumor activity: An operative bridge** - *P. Tassone*
- 12.45 *Lunch*

## RADIO/CHEMO-IMMUNOTHERAPY

Chairmen: *S. Al Sayyad and P. Correale*

- 14.45 **Preclinical and clinical rationale to combine radiotherapy and immune-biological therapy** - *P. Pastina*
- 15.05 **Immunological effects and potential applications of metronomic chemotherapy** - *M. Merlano*
- 15.25 **Increased survival in NSCLC patients receiving Nivolumab after Metronomic chemotherapy and VEGF deprivation** - *R. Giannicola*
- 15.45 **Combing immunotherapeutics: Enhanced antitumor effects with an IL-12/anti-DNA fusion protein and an anti-PD-L1 antibody** - *J. W Greiner*
- 16.05 **NK cell surveillance of drug-stressed tumor cells: a new strategy of cancer chemoimmunotherapy** - *A. Santoni*
- 16.25 **Cancer Immunotherapy: Drug-induced xenogenization and immune checkpoint inhibitors** - *E. Bonmassar*
- 16.45 **Round Table: anticancer immunotherapy: current results, trial Interpretations and realistic expectation**  
*M. Sitkovsky, J. Crown, P. Pedrazzoli, S. Siena, P. Tagliaferri, K.Y. Tsang, P.M. Arlen, P. Tassone, M. Nuti, E. Bonmassar, S.M. Magrini and P. Correale*
- 17.30 *Questionnaire ECM*
- 17.45 *Conclusion of the day*

# CME CREDITS

The conference is accredited Agenas with number **5357 -202920** and entitles **21 CME** credits for the following professionals:

**Pharmacist**

**Biologist**

**Chemist**

**Nurse**

**Physician:** *Cardiology , Diseases of the Respiratory Appliance Hematology; Medical Genetics; Infectious Diseases; Internal Medicine; Oncology; Radiotherapy; Cardiac Surgery; General Surgery; Thoracic Surgery; Neurosurgery , Pathological Anatomy; Anesthesia and Resuscitation; Clinical Biochemistry; Clinical Pharmacology and Toxicology; Medical Genetic Laboratory ; Nuclear Medicine; Microbiology and Virology; Neurophysiopathology, Neuroradiology, Clinical Pathology (clinical chemical analysis laboratory and microbiology); Diagnostic Radiology; General Practitioners (family doctors), Medical Direction; Palliative Care; Epidemiology.*

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 90% 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 February 04th , 2017. The certificate of participation will be take at the Organizational Secretariat Desk upon delivery of the conference badges.

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Travel, accomodation and social dinner  
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Coffee Break and Light Lunch  
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Physician / Pharmacists / Biologists  
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Students / graduate students  
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Physician / Pharmacists / Biologists  
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PhD students

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# CONGRESS VENUE

## November 02 th, 2017

*Auditorium “Nicola Calipari” del Consiglio Regionale della Calabria*

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## November 03th- 04th , 2017

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