4TH INTERNATIONAL CONFERENCE
TRANSLATIONAL RESEARCH IN ONCOLOGY

November 8|2016
IRST IRCCS - Meldola

November 9-10-11|2016
HOTEL GLOBUS CITY - Forlì
Application for auspices has been made:

Ministero della Salute
Ministero dell’Istruzione, dell’Università e della Ricerca

Regione Emilia Romagna
Provincia di Forlì-Cesena
Comune di Forlì

Ordine dei Medici e Odontoiatri Forlì-Cesena
Azienda Unità Sanitaria Locale della Romagna

AIOM, Associazione Italiana di Oncologia Medica
AIRO, Associazione Italiana di Radioterapia Oncologica
CIPOMO, Collegio Italiano dei Primari Oncologi Medici Ospedalieri
FISM, Federazione delle Società Medico-Scientifiche Italiane
IOR, Istituto Oncologico Romagnolo
ISO, Società Italiana di Osteoncologia
LILIT, Lega Italiana per la Lotta contro i Tumori
SIC, Società Italiana di Cancerologia
SICP, Società Italiana di Cure Palliative
Presidents

DINO AMADORI
GIOVANNI LUCA FRASSINETI

SCIENTIFIC COMMITTEE

Giovanni Luca Frassineti
Domenico Barone
Daniele Calistri
Angelo Delmondo
Ugo De Giorgi
Giampaolo Gavelli
Massimo Guidoboni
Toni Ibrahim
Gerardo Musuraca
Oriana Nanni
Giovanni Paganelli
Andrea Rocca

SCIENTIFIC SECRETARIAT

Talia Piolanti

Training & Development Office
Istituto Scientifico Romagnolo per lo Studio e la Cura dei Tumori (IRST) S.r.l. IRCCS
Via Piero Maroncelli, 40
47014 Meldola (FC), Italy
Ph. +39 0543 739100
Ph. +39 0543 739254
ufficio.formazione@irst.emr.it
www.irst.emr.it
Tuesday November 8, 2016 (IRST IRCCS, Meldola)

OPENING

15:00 - 15.20  Authorities Greetings

Welcome and introduction
Presidents: Dino Amadori, Giovanni Luca Frassinetti - Meldola, Italy
Chairmen: Stefano Cascinu - Modena, Italy, Carmine Pinto - Reggio Emilia, Italy

15.35 - 16.05  The evolution of translational medicine
Marc E. Lippman - Miami, USA

16.10 - 16.40  The Avidin-Biotin pretargeting system for molecular radiotherapy in cancer patients
Giovanni Paganelli - Meldola, Italy

16.45 - 17.15  Health global project
Nelson Chao - Durham, USA

17.20 - 17.40  Collaboration Bugando-IRST: ongoing projects
Nestory Masalu - Mwanza, Tanzania

17.45 - 18.15  Radiating Hope - advancing cancer care in developing countries
Thomas Ladd - Jacksonville, USA
Wednesday November 9, 2016 (Globus Hotel – Forlì)

8.30 - 8.40 Opening
Giovanni Luca Frassineti - Meldola, Italy

NEO ANGIOGENESIS
President: Alfredo Falcone - Pisa, Italy
Chairmen: Giampietro Gasparini - Bari, Italy, Davide Tassinari - Rimini, Italy

8.40 - 9.10 Clinically relevant pathways in tumor angiogenesis and innovative therapeutic strategies
Guy Eelen - Leuven, Belgium

9.15 - 9.45 Resistance and escape from antiangiogenic therapy
Romano Danesi - Pisa, Italy

9.50 - 10.20 Biomolecular predictive factors of response: lights and shade
Daniele Generali - Trieste, Italy

10.25 - 10.55 Antiangiogenic therapy in GI cancer: current status and future directions
Riccardo Giampieri - Ancona, Italy

11.00 - 11.15 Coffee break

ANTI-HER2 THERAPIES
President: Marc E. Lippman - Miami, USA
Chairmen: Lorenzo Gianni - Rimini, Italy, Andrea Rocca - Meldola, Italy

11.15 - 11.45 HER receptor family and pathways: a systems biology perspective
Mattia Lauriola - Bologna, Italy
### Wednesday
**November 9, 2016** *(Globus Hotel – Forlì)*

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>11.50 - 12.15</td>
<td><strong>Mechanisms of resistance to anti-HER2 therapies</strong></td>
<td>Grazia Arpino</td>
<td>Napoli, Italy</td>
</tr>
<tr>
<td>12.20 - 12.50</td>
<td><strong>New anti-HER2 molecules: monoclonal antibodies, antibody-drug conjugates, small molecule TKIs</strong></td>
<td>Javier Cortes</td>
<td>Barcelona, Spain</td>
</tr>
<tr>
<td>12.55 - 13.25</td>
<td><strong>Role of zirconium-89 (89Zr)-radiolabeled trastuzumab to investigate tumor heterogeneity and predict response to anti-HER2 therapies</strong></td>
<td>Geraldine Gebhart</td>
<td>Brussels, Belgium</td>
</tr>
<tr>
<td>13.30 - 14.30</td>
<td>Lunch</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NEW INSIGHTS INTO INHIBITION PATHWAYS**

*President: Gerardo Musuraca* - Meldola, Italy  
*Chairmen: Francesco Lanza* - Ravenna, Italy, *Patrizia Tosi* - Rimini, Italy

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.30 - 15.00</td>
<td><strong>PI3K inhibition</strong></td>
<td>Gianluca Gaidano</td>
<td>Novara, Italy</td>
</tr>
<tr>
<td>15.05 - 15.35</td>
<td><strong>Targeting BTK</strong></td>
<td>Lapo Alinari</td>
<td>Columbus, USA</td>
</tr>
<tr>
<td>15.40 - 16.10</td>
<td><strong>The world of mTOR</strong></td>
<td>Nicola Fazio</td>
<td>Milano, Italy</td>
</tr>
<tr>
<td>16.10 - 16.25</td>
<td>Coffee break</td>
<td></td>
<td></td>
</tr>
<tr>
<td>16.25 - 16.55</td>
<td><strong>The anti apoptosis way in cancer: BCL2 inhibition</strong></td>
<td>Giovanni Martinelli</td>
<td>Bologna, Italy</td>
</tr>
<tr>
<td>17.00 - 17.30</td>
<td><strong>Cell cycle checkpoints (CDK4/6) inhibitors</strong></td>
<td>Luca Malorni</td>
<td>Prato, Italy</td>
</tr>
</tbody>
</table>
Wednesday November 9, 2016 (Globus Hotel – Forlì)

Chairmen: Andrea Amadori - Forlì, Italy, Giorgio Giorda - Aviano, Italy

17.40 - 18.10 LECTURE
Update on PARP inhibitors: opportunities and challenges in cancer therapy
Vanda Salutari - Roma, Italy

Thursday November 10, 2016 (Globus Hotel – Forlì)

CELL THERAPIES
President: Massimo Guidoboni - Meldola, Italy
Chairmen: Massimiliano Bonafè - Bologna, Italy
Carl Figdor - Nijmegen, The Netherlands

9.00 - 9.45 Tumor immunology with emphasis on MDSCs
Nelson Chao - Durham, USA

9.50 - 10.20 Dendritic cell vaccines: new perspectives in immuno-oncology times
Massimo Guidoboni - Meldola, Italy

10.25 - 10.55 Adoptive cell therapy: new tricks from old dogs?
Carl Figdor - Nijmegen, The Netherlands

11.00 - 11.30 CAR-T cells: chimera or reality?
Franco Locatelli - Roma, Italy

11.30 - 11.45 Coffee break
PROGRAM

Thursday November 10, 2016 (Globus Hotel – Forlì)

IMMUNOTHERAPY
President: Angelo Delmonte - Meldola, Italy
Chairmen: Francesco Di Costanzo - Firenze, Italy, Ruggero Ridolfi - Forlì, Italy

11.45 - 12.15  PD1/PDL1 axis in solid tumors
Federico Cappuzzo - Ravenna, Italy

12.20 - 12.50  Cytotoxic T-lymphocyte antigen-4 (CTLA-4)
Luana Calabrò - Siena, Italy

12.55 - 13.25  Combinatorial approach of immunotherapies in solid tumors
Silvia Novello - Torino, Italy

13.30 - 14.30  Lunch

ANTI EGFR
President: Daniele Calistri - Meldola, Italy
Chairmen: Luigi Cavanna - Piacenza, Italy, Paola Ulivi - Meldola, Italy

14.30 - 15.00  First generation anti-EGFR therapies and resistance mechanisms
Lucio Crinò - Perugia, Italy

15.05 - 15.35  New drugs bypassing the anti-EGFR blockade
Vanesa Gregorc - Milano, Italy

15.40 - 16.10  Clonal evolution in response to anti-EGFR therapies
Nicola Normanno - Napoli, Italy

16.10 - 16.25  Coffee break
Thursday November 10, 2016 (Globus Hotel – Forlì)

HORMONAL RECEPTORS
President: Vincenza Conteduca - Meldola, Italy
Chairmen: Laura Amaducci - Faenza, Italy, Valentina Arcangeli - Rimini, Italy

16.25 - 16.55 Predicting response to endocrine therapies in breast cancer
Alessandra Gennari - Genova, Italy

17.00 - 17.30 The role of androgen receptors in breast cancer
Elisabetta Pietri - Meldola, Italy

17.35 - 18.05 Mechanisms of resistance and neuroendocrine differentiation in prostate cancer
Himisha Beltran - New York, USA

18.10 - 18.40 Circulating tumor cells as biomarker for hormonal treatment in breast and prostate cancer
Michal Mego - Bratislava, Slovakia

Friday November 11, 2016 (Globus Hotel – Forlì)

NEW PERSPECTIVES FOR PRECISION MEDICINE
President: Toni Ibrahim - Meldola, Italy
Chairmen: Francesco Cognetti - Roma, Italy, Laura Mercatali - Meldola, Italy

8.30 - 8.55 Microenvironment and cancer
Yibin Kang - Princeton, USA

8.55 - 9.15 Nanotechnology and cancer
Ennio Tasciotti - Houston, USA
Friday November 11, 2016 (Globus Hotel – Forlì)

9.15 - 9.35 Near patient models for the assessment of tumor aggressiveness
Gabri Van der Pluijm - Leiden, The Netherlands

9.35 - 9.50 Discussion

9.50 - 10.05 New horizons on bone targeted therapies
Daniele Santini - Roma, Italy

10.05 - 10.25 Histotype or molecular driven treatment of sarcomas?
Maria Abbondanza Pantaleo - Bologna, Italy

10.25 - 10.45 Role of immunotherapy in virus related head and neck cancer
Nerina Denaro - Cuneo, Italy

10.45 - 11.00 Discussion

11.00 - 11.15 Coffee break

RADIONUCLIDE THERAPY AND ALLIED SCIENCE
President: Giovanni Paganelli - Meldola, Italy
Chairmen: Domenico Barone - Meldola, Italy, Maria Salvato - Baltimore, USA

11.15 - 11.45 A new proposal for a metabolic classification of NENS
Stefano Severi - Meldola, Italy

11.50 - 12.20 Imaging biomarkers in oncologic liver disease
Bernard Van Beers - Paris, France

12.25 - 12.55 Exosomic microRNAs orchestrate cancer biology and resistance to chemotherapy
Muller Fabbri - Los Angeles, USA

13.00 - 13.30 Presentation of the three Best Abstracts
Dino Amadori, Giovanni Luca Frassineti - Meldola, Italy

13.30 - 13.40 Closing remarks

13.40 Lunch
Meeting venues

NOVEMBER 8, 2016
IRST IRCCS - Meldola
Via Piero Maroncelli, 40
47014 Meldola (FC), Italy
Ph. +39 0543 739100
www.irst.emr.it

NOVEMBER 9-10-11, 2016
Hotel Globus City - Forli
Via Traiano Imperatore, 4
47122 Forli, Italy
Ph. +39 0543 722215
www.hotelglobuscity.com

How to reach the meeting venues

IRST IRCCS - Meldola
A shuttle service from Hotel Globus City to Meldola and back will operate on the basis of the meeting schedule. Please contact the Organizing Secretariat for further information.

Hotel Globus City - Forli
By plane: Bologna G. Marconi Airport, 70 km.
By car: A14 Bologna-Taranto Motorway, exit “Forli”, 500 m. Free parking.
By train: Forli train station, 2 km.
**GENERAL INFORMATION**

**Language**
The Conference will be in English with no simultaneous translation into other languages.

**Badge**
All registered participants, speakers and sponsors will be given a badge which must be worn in order to be admitted to the scientific sessions.

**Attendance certificate**
A certificate will be given to all participants at the end of the conference.

**Italian CME credits**
Application for CME credits has been made for these categories: physicians, biologists, technicians, chemists, nurses and physicists.

The Italian Ministry of Health allows:
- **no. 3 CME credits for November 8, 2016 - ID number: 828-170671**
- **no. 10 CME credits for November 9-10-11, 2016 - ID number: 828-170673**

Provider Studio ER Congressi SRL
Educational objective: "guidelines-protocols-procedures"

At the registration desk attendees will receive two different evaluation forms related to each application.

**Registration**
The registration is free and includes: participation in the scientific sessions, access to the exhibition area, attendance certificate, conference kit, conference proceedings, lunches, coffee breaks and welcome cocktail.

Registrations can be requested submitting the online registration form available on the website: [www.fictro2016.it](http://www.fictro2016.it)

**Changes**
Parts of the program may be changed without prior notice.
Call for Abstracts

We invite all investigators to submit abstracts to the Organizing Secretariat (c.fiorini@ercongressi.it), by **October 20, 2016**.

A number of awards will be given to investigators who will submit the best abstracts.

Language: English

**Topic**

**Title in capital letters**

**Authors:** Name and surname

**Affiliations**

**Main text body:** Times New Roman, 12 pt

Max 250 words of text and one table or figure

No references

**Awards**

Awards will be presented for the three best Abstracts:

- **1st** prize: Euro **1000,00** VAT included
- **2nd** prize: Euro **800,00** VAT included
- **3rd** prize: Euro **500,00** VAT included

Furthermore the winners will be invited to give a 5-minute oral presentation of their work in a special Plenary Session on Friday morning.
The conference will examine the link between cancer research and clinical applications of laboratory findings and will also focus on the biomolecular development of new biological drugs. Another aim of the conference is to promote an open dialogue between laboratory researchers and clinical oncologists to further the successful implementation of experimental findings into clinical practice.

Areas of interest:
1. Neoangiogenesis
2. Anti Her 2
3. Receptor Tyrosine Kinase
4. Cellular Therapies
5. Immunotherapy
6. Anti EGFR
7. Hormone receptors
8. New perspectives for precision medicine
9. Radionuclide therapy and allied science
ELI LILLY ITALIA
ROCHE
BOEHRINGER-INGELHEIM
GILEAD SCIENCES
JANSSEN ITALIA
PFIZER ITALIA
TEVA
AMGEN
ASTRAZENECA
BRISTOL-MYERS SQUIBB
EISAI
MERCK SERONO
MILTENYI BIOTECH
MSD ITALIA
www.fictro2016.it

SCIENTIFIC SECRETARIAT
Talia Piolanti
Training & Development Office
Istituto Scientifico Romagnolo per lo Studio e la Cura dei Tumori (IRST) S.r.l. IRCCS
Via Piero Maroncelli, 40
47014 Meldola (FC), Italy
Ph. +39 0543 739100
Ph. +39 0543 739254
ufficio.formazione@irst.emr.it
www.irst.emr.it

ORGANIZING SECRETARIAT
Studio E.R. Congressi
Via Marconi, 36
40122 Bologna, Italy
Ph. +39 051 4210559
Fax +39 051 4210174
ercongressi@ercongressi.it
www.ercongressi.it