

Fifth International Symposium

# PRIMARY SYSTEMIC TREATMENT IN THE MANAGEMENT OF OPERABLE BREAST CANCER

Towards the rapid assessment of therapy efficacy

## Palazzo Trecchi

Via S. Trecchi, 20 - Cremona (Italy)

Olpartments di Oncologia Dipartments di Olmargia Innia di Patriogia Mammana Servizi UNI Istituti Ospitalien di Cremona Cremona-Itale







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## Coal

Primary or neoadjuvant chemotherapy is now adopted by an increasing number of clinicians as a part of the multidisciplinary approach of either operable or locally advanced breast cancers. Historically this treatment modality was undertaken with the aim of shrinking the tumours and allowing to increase the conservation of the breast. Today primary chemotherapy is viewed as a means of testing the activity of a therapeutic approach in determining the disease outcome, since it allows a perfect quantifiable evaluation of the chemosensitivity or chemoresistance of any treated case. With respect to adjuvant chemotherapy, results are available quickly, and valuable information can be gathered from proof-of-concept studies involving a relatively small number of patients.

Primary or neoadjuvant chemotherapy, therefore, is the best model to identify baseline features able to predict which patients may be most likely to benefit or not from cytotoxic treatment. In addition, through the collection of tumor specimens before and after treatment, it is possible to explore the interaction between cytotoxic treatment and tumor biology in vivo in order to understand mechanisms and possibly provide surrogate parameters of treatment efficacy.

The Symposium will be organized to allow researchers and clinicians to share up-to-date information on state of the art, controversies and perspectives on this fascinating treatment modality.

## Topics

- Overview of the results of cytotoxic treatment and endocrine therapy
- Methods of assessing response (Clinical palpation, mammography, echography, MRI)
- Predictive factors of disease response
- Changes in biological parameters before and after treatment
- Changes in surgical approaches

## Educational Objectives

At the conclusion of this educational activity, participants should be able to:

- Apply knowledge gained to prepare for medical oncology and related specialty (knowledge, competence);
- Utilize current standards of care for patients with primary and locally advanced breast cancer (knowledge, competence, performance), Identify the great advantages of primary systemic therapy from a research perspective and also the problems preventing the recommendation to adopt this treatment modality instead of adjuvant therapy in clinical practice;
- Define pathological complete response and discuss its clinical significance;
- Incorporate recent advances in management of oncologic patients (knowledge, competence, performance); and
- Define molecular determinants for treatment of breast cancer (knowledge, competence, performance)
- Define the concept of a surrogate parameter of treatment efficacy and discriminate it from a prognostic parameter.



## Target Audience

This program should be of interest to physicians, medical oncologists, Surgeons, Radiation therapists, physician assistants and nurses/research nurses, health visitors, scientists and pharmacologists. Educational Methods

- Lectures
- Discussion (Question-and-Answer sessions)
- Syllabi (hard copy and CD-ROM)

<u>Lectures will be published on a special edition of JNCI Monographs</u>

## Evaluation

A course evaluation form will provide participants:

- with the opportunity to review each session and speaker
- to identify future educational needs
- to comment on any perceived commercial bias in the presentations.

## Accreditation/Credit Designation

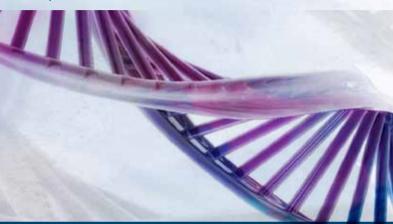
The U.O.M Patologia Mammaria - Breast Cancer Center of Az. Istituti Ospitalieri di Cremona is accredited by the CME to provide continuing medical education for physicians medical oncologists, surgeons, radiation therapists, health visitors, nurses and pharmacologists.

CME Certificates and Attendance Verification Certificates.

Certificate awarding \_\_\_\_\_ Credits or certificates documenting attendance will be distributed to

participants when an individual departs the conference. To obtain a CME certificate, participants must submit a completed evaluation questionnaire and a CME Verification Form.

Define the concept of a surrogate parameter of treatment efficacy and discriminate it from a prognostic parameter.



## Planning committee

• U.O.M. Patologia Mammaria Breast Cancer Center - Azienda Istituti Ospitalieri di Cremona, Italy

**Alberto Bottini**, MD PhD **Daniele Generali**, MD DPhil

Medical Oncology, University of Turin, Italy

**Alfredo Berruti**, MD PhD **Luigi Dogliotti**, MD PhD

• Medical Oncology and Breast Unit - Azienda Spedali Civili di Brescia, Italy

Edda Simoncini, MD PhD



## Agenda

## Saturday, October 05, 2013

16:00-17:30

**Early Registration** 

17:30-18:15

Lecture Magistralis

Presenter: L. Dogliotti, W. Miller

ASCO State of the Art: Neoadjuvant Treatment in BC: When to used it, How to use it, Which patients to be selected.

C.A. Hudis

#### 18:30-20:00

**Opening Ceremony** 

President of the Symposium A. Bottini

Honorary President L. Dogliotti

President AIOM S. Cascinu

Dean University of Brescia S. Pecorelli

Director of Dept. of Oncology University of Turin G. Scagliotti

Director of Surgery Department, Azienda Istituti Ospitalieri

Cremona M. Martinotti

Director of Oncology Department, Azienda Istituti Ospitalieri

Cremona I. Cafaro

Director of Institution Azienda Istituti Ospitalieri Cremona

S. Mariani

20:00

Get together buffet

## Sunday, October 06, 2013

08:00-09:00

Registration

09:00-10:30

**Imaging Techniques for evaluation of tumor response** 

Chairmen: A. Makris, E. Simoncini

09:00-09:20

MRI, Digital Mammography and Sonography: tumor characteristics and tumor biology in primary setting

A. Makris

09:20-09:40

Multiparametric and multimodality imaging to identify radiological biomarkers for treatment response

M.A. Jacobs

09:40-10:00

RECIST for response (clinical and imaging) in neoadjuvant clinical trials

L.J. Esserman

10:00-10:30

Discussion

10:30-11:00

Coffee break

11.00-12-30

## **Integrated Oncology Management Surgical** and Radiotherapy Approach

Chairmen: A. Bottini S. Magrini

11:00-11:20

Best surgical approach for diagnosis, biological evaluation and research

J.M. Dixon

11:20-11:40

Sentinel Node Before and After Neoadjuvant Therapy

E. Mamounas

11:40-12:00

Radiation: MammoSite, Classical, Irradiation, HDR Interstitial Brachytherapy

S. Darby

12:00-12:30

Discussion

12:30-13:30

Lunch

13:30-18:30

**Educational Session - Joint Symposium ASCO**Chairmen: P.F. Conte, S. De Placido, S.M. Giulini

13:30-14:00

Surgical Decisions before and after treatment

T.A. Buchholz

14:00-14:30

Radiotherapy issues after neoadjuvant treatments **J.R. Harris** 

14:30-15:00

State of the Art in neoadjuvant chemo- and endocrine-therapy

D. Cameron

15:30-16:00

Which are the intermediate end-points for primary systematic therapy?

**G.V. Minckwitz** 

15:30-16:00

Which benefits from neoadjuvant in clinical routine and research perspective?

D. Hayes

16:00-16:30

Neoadjuvant model for testing emerging targeted therapies in breast cancer

**G.** Tortora

16:30-17:00

Psychological aspects of neoadjuvant from adjuvant therapy in breast cancer

K. Hermelink

17:00-18:30

Interactive Guided Discussion Panel-Audience on the Neoadjuvant Breast Cancer Treatment: Question and Answer Session generating guidelines for the Consensus Neoadjuvant Statement

Provokers: M. De Laurentiis, L. Gianni

20:00

Gala Dinner in a Historical Palace



## Monday, October 07, 2013

09:00-10:40

From bench to bedside: the clinical feed-back from the "path lab"

Chairmen: F. De Braud, G. Viale

09:00-09:20

The perfect pathology report after neodjuvant therapy

A. Sapino

09:20-09:40

Early surrogate parameters of treatment activity: where are we now?

M. Dowsett

09:40-10:00

Outlines about pCR in neoadjuvant setting **S.B. Fox** 

10:00-10:20

Biological changes induced by the treatment: influences on clinical approach

W.F. Symmans

10:20-10:40

Discussion

10:40-11:00

Coffee-Break

11:00-12:20

**Symposium Supported by FIRM** 

Chairmen: A. Berruti, R. Labianca

11:00-11:20

Window of opportunity: new approach for studying drug-tumor interaction

A.L. Harris

11:20-11:40

After primary systemic treatment: what to do accordingly to breast cancer subtypes?

A. Gennari

11.40-12.00

RNA disruption as a measure of drug response in neoadjuvant therapy

K.P.H. Pritzker

12:00-12:20

Neo-adjuvant trial design: time for a new conception

P. Bruzzi

12.20-12.40

Discussion

12.40-13.50

Lunch

13:50-15:50

Medical and Molecular Oncology Management in Primary Setting

Chairmen: M. Aglietta, K. Pantel

13:50-14:10

Inflammatory Breast Cancer: approach and treatment in neoadjuvant setting

M. Cristofanilli



#### 14:10-14:30

The role of genomic signature in the management of neoadjuvant treatment

L. Pusztai

#### 14:30-14:50

Primary Systemic Therapy in Breast Cancer: Novel Molecular Marker Concepts

D. Generali

#### 14:50-15:10

Back to the future for high doses in breast cancer treatment?

P. Pedrazzoli

#### 15:10-15:30

Circulating biomarkers for prediction of response

M.G. Daidone

#### 15:30-15:50

Discussion

#### 15:50-16:50

## A Networking Session for Young Investigators: Selected 9 Presentations

Chairmen: S. Di Cosimo, V. Guarneri

16:50-18:20

#### **Conclusion remarks**

The EUSOMA Guidelines: methodology and quality assurance for the best multidisciplinary approach in a Breast Unit

R. Mansel

Conclusive highlights of the meeting

A. Bottini, L. Dogliotti

## **Speakers**

#### M. Aglietta

Università di Torino, IRCC Candiolo, IT

#### A. Berruti

Università di Torino, A.O.U. San Luigi, Orbassano, IT

#### A. Bottini

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#### P. Bruzzi

IST, Genova, IT

#### T.A. Buchholz

University of Texas MD Anderson Cancer Center, Houston, USA

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#### D. Cameron

University of Edinburgh, UK

#### S. Cascinu

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#### P.F. Conte

Università di Modena e Reggio Emilia, IT

#### M. Cristofanilli

Fox Chase Cancer Center, Philadelphia, USA

#### M. Daidone

INT, Milano, IT

#### S. Darby

University of Oxford, Oxford, UK

#### F. De Braud

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#### M. De Laurentiis

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#### S. De Placido

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Vall D'Hebron Institute of Oncology, Barcelona, ES

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#### M. Dowsett

The Royal Marsden NHS Trust, London, UK

#### L.J. Esserman

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#### S.B. Fox

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#### S.M. Giulini

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#### V. Guarneri

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A.L. Harris

WIMM University of Oxford, UK

J.R. Harris

Dana-Farber Cancer Institute, Boston, USA

K. Hermelink

LMU University of Munich, Munich, DE

C.A. Hudis

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M.A. Jacobs

The Johns Hopkins University School of Medicine, Baltimore, USA

M. Kaufmann

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R. Mansel

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G. Viale

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G. Von Minckwitz

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## Scientific Secretariat

#### Manuela Milani

U.O.M. Patologia Mammaria Breast Cancer Center - Azienda Istituti Ospitalieri di Cremona, Italy

#### **Carla Strina**

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#### Mirella Torta

Università di Torino - Dipartimento di Oncologia, A.O.U. San Luigi, Orbassano, Italy



## General informations

## **Organizing Institution**

U.O.M. Patologia Mammaria-Breast Cancer Center; Azienda Istituti Ospitalieri di Cremona-Cremona, Italy

#### **Symposium Location**

Palazzo Cittanova / Palazzo Trecchi, Corso Garibaldi 135 Cremona (Italy)

#### **Organizing Secretariat**

Over Srl Via Pagliari 4, 261

Via Pagliari 4, 26100 Cremona (Italy) Phone 0039 0372 23310 Fax 0039 0372 569605 congressi@overgroup.eu www.overgroup.eu

## Official language

The official congress language is English

## **Onsite registration hours**

Attendees may pick up their badge and materials onsite at the symposium registration desk.

Saturday, October 05th Sunday, October 06th Monday, October 07th 14.00 - 18.30 hrs 08.00 - 18.30 hrs 08.00 - 18.00 hrs

Each Participant who is regularly registered will receive a badge with a bar-code.

Symposium badge will be required for admittance to all events. Please wear your badge so that it can be easily seen at all times.

Lost badges should be reported to the Registration staff immediately.

#### **Identification colours**

Blue - Congress Participant

Orange - Speaker

Green - Organization

Yellow - Press Staff

Grey - Exhibitor

Fuchsia - Accompanying Person



#### **Registration Information**

- On-site registration opens at 4.00 pm on Saturday, October 05, 2013 at the Town Hall (Sala Quadri)
- The Oncology Session of the conference will begin at 9.00 am on Sunday, October 06 and adjourn at 6.00 pm on Monday, October 07.
- Advanced registration is encouraged as space and materials are limited.

The "all inclusive" conference registration fee includes the tuition, final program syllabus, lunches, breaks and accommodation. The "regular" conference registration fee includes all services above mentioned except accommodation.

The deadline for advance registration is Friday, June 30, 2013.

## Way to register

The only way to register is online by the congress site. Web-site under constrution, online starting from September 2012.

Attendees are required to indicate clearly IN and OUT dates.

Telephone registrations are not accepted.
The following forms of payment are accepted:

- Credit cards (Master Card, VISA, and American Express)
- Cash (on-site registration only)
   When registering online a receipt/confirmation letter will be automatically emailed to the e-mail address you list on the registration form.

#### **Registration Fee Schedule**

A reduced registrations fee has been established for physician assistants, nurses, health visitors and students. All claiming this reduced fee are required to submit a letter of introduction from the chairperson of their department with their registration form.

	Until May 31st	After May 31st
ALL INCLUSIVE FEE	€ 800,00	€ 900,00
REGULAR FEE	€ 600,00	€ 700,00
NURSES PHYSISCIAN ASSISTANTS		7.5
AND HEALTH VISITORS	€ 100,00	€ 150,00
STUDENTS (VALID ID REQUIRED)	FREE	FREE

Online registrations close on Wednesday, July 31 2012. After this date participants can register on-site only.

### **Refund/Cancellation Policy**

The registration fee is refundable, inasmuch as € 250,00 per person, if a written request is received on or before Wednesday, July 31. 2013. No refunds will be granted after that date.

For additional information, contact Symposium Administration:

Over srl - Via Pagliari, 4 - 26100 Cremona Italy Phone +39-0372 23310 congressi@overgroup.eu www.overgroup.eu

#### **Cancellation Statement**

The Organizing Secretariat reserves the right to cancel the Symposium because of unforeseen circumstances. In the event of such cancellation, the full registration fee will be returned to each registrant.



#### **Special Assistance**

Contact the Symposium Administration:
Over srl - Via Pagliari, 4 - 26100 Cremona Italy
Phone +39-0372 23310
congressi@overgroup.eu
www.overgroup.eu
(Ms. Daria Odelli or Ms. Gloria Platti)

If you need any other kind of information please let us know what specific topics, issues, or questions you wish to see addressed or emphasized in this activity.

Fax or e-mail Symposium Administration. All responses will be forwarded to the Program Chairs for consideration.

#### **Accommodations**

When you make registrations be sure to mention your preference about accommodation. Availability permitting it will be reserved a room in the hotel chosen.

- Dellearti Design Hotel Via Geremia Bonomelli, 8 - 26100 Cremona (CR) tel. +39 0372 23 131 fax. +39 0372 21654 e-mail - info@dellearti.com
- Hotel Impero
  Piazza della Pace, 21 26100 Cremona (CR)
  tel. +39 0372 413013 fax +39 0372 457295
  e-mail: info@hotelimpero.cr.it
- Hotel Continental Piazza della Libertà, 26 - 26100 Cremona (CR) tel. +39.0372 43 41 41 fax. +39.0372.454873 e-mail: reception.hc@hotelcontinentalcremona.it

#### **Ground Transportation**

(prices are subjects to change)

- Cremona is served by two airports,
   Milan Linate and Milan Malpensa
- Taxicabs are available at an estimated cost of €150 / €200 to or from both Airports.
- Shuttle offers: www.malpensashuttle.it/ from Airports to Milan Central Station
- Trains from Milan Central Station to Cremona: www.trenitalia.com

## Key Dates

- Symposium datesOctober 05-07, 2013
- Registration discounts by June 30, 2013
- Closing online registration
   July 31, 2013
- On-site registrationOctober 05, 2013
- Registration cancellation deadline by July 31, 2013
- Non refundable registration cancellation after July 31, 2013



#### Cremona

#### **Its History**

Cremona was a roman colony founded in 218 B.C., north of river Po. In the Republican period it gained military, civil and commercial importance thanks to its geographical position. The political and economic importance of the medieval Cremona brought about a new urban development, which culminated in the construction of thesuperb complex of monuments forming the Palazzo Comunale Square and its imposing walls (1169 - 1187).

In 1334 Cremona was conquered by Visconti and finally became a part of the dukedom of Milan from 1420 till the unity of Italy.

In 1441 to celebrate her wedding with Francesco Sforza, Bianca Maria Visconti brought the town as a dowry and fostered its cultural and artistic renewal. This artistic production, which had as protagonists Bonifacio and Benedetto Bembo in the second half of the fifteenth century, went on also duringthe sixteenth century when Cremona was under the Spanish rule.

#### **Its Violins**

Cremona has always been considered the city which gave birth to the greatest violin-makers of any time. The importance of these exceptional masters is confirmed nowadays, as in the past, since the greatest violinists play instruments made by Stradivari or Guarneri del Gesù. The violin appears in the first half of XVI century and Andrea Amati is the first of the Cremonensis violinmakers who gains importance in the manufacture of the bow instruments. In XVII

century Nicolò Amati, Andrea's nephew, made himself known: he continued his great predecessor's way.

Nicolò Amati works in a period in which real instrumental trends started. From the second half of XVII century the most famous of the violinmakers, Antonio Stradivari, began to work in Cremona.

Rich in his predecessors' experience, he developed the art of making stringed instruments which could meet with the requirements of the music of his time. Stradivari, making his violins, used the most refined techniques. He lived till 1737 and made more than one thousand works. Among the great manufacturers of the Cremonensis Art, Giuseppe Guarneri del Gesù had an important place. He was younger than Stradivari, bud lived only a few years after him. We knowabout one hundred fifty violins made by him. It would be useless to seek for the refinement of lines shown by Amati's Brothers or by Stradivari in their works.

He tried, however, to combine the power of sound with the capacity of penetration and at the same time with softness.

## Supports

Support has been requested to:

**AIOM** 

**AIRO** 

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**AZIENDA ISTITUTI OSPITALIERI DI CREMONA** 

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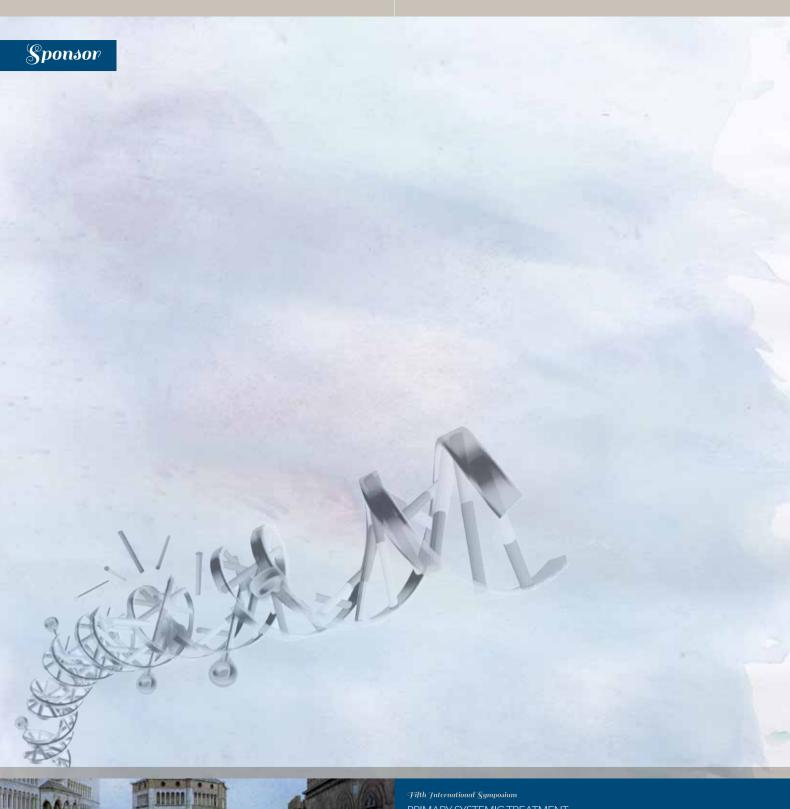
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Fifth International Symposium

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Towards the rapid assessment of therapy efficacy

October 05-07, 2013 Cremona Italy

Symposium Administration:



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