

# 2006 ACTIVITIES AND HIGHLIGHTS 2007



OEI

Organisation of European Cancer Institutes  
European Economic Interest Grouping

Education and Training Working Group

## Microarray data generation and analysis

Brussels Feb 28th -March 1st



OEI

Copenhagen 2007



OEI

Organisation of European Cancer Institutes  
European Economic Interest Grouping

Education and Training Working Group

## Mission of the WG is to promote:

OEI-PARTNERS BOTTON-UP INITIATIVES  
**TOP DOWN ACTIVITIES –Board-Projects-WGs**  
OEI-INDUSTRY PARTNERSHIP INITIATIVE  
FIXED-TERM AND PERMANENT STAFF POSITIONS  
FELLOWSHIPS AND RETURN GRANTS PROGRAMME

## Main Key Goals:

TRAINING AND INTERNATIONAL MOBILITY FOR YOUNG SCIENTISTS AND CLINICIANS  
**CONTINUING EDUCATION FOR EXPERIENCED SCIENTISTS AND CLINICIANS**  
**CONTRIBUTE TO THE BUILDING OF THE ERA FOR CANCER**

## Some Benefits to the OEI Community:

**IMPROVE S&T CAPABILITIES**, STIMULATE COMPETITION, ENCOURAGING  
THE COORDINATION OF NATIONAL CANCER TRAINING POLICIES, **PROMOTE THE OEI**  
**AMONG THE MEMBERS** AND VIS A VIS TO INTERNATIONAL BODIES AND  
ORGANISATIONS, INDUSTRIES, GENERAL PUBLIC.  
**PROMOTE THE EXCELLENCE AND THE DEFINITION OF A CCC**



OEI

Copenhagen 2007



OEI

Organisation of European Cancer Institutes  
European Economic Interest Grouping

Education and Training Working Group

## 2007 PLAN OF ACTIVITIES

**Code: OEI.07.EDU.01** Genoa, May 28<sup>th</sup> Accreditation course

**Code: OEI.07.EDU.02** Brux Oct-Nov.2007 INFO-Day 7<sup>th</sup> FP

**Code: OEI.07.EDU.03** Nov.2007 Meet. WG Board Members



OEI

Copenhagen 2007

**ACCREDITATION OF EUROPEAN CANCER INSTITUTES PRACTICAL TRAINING COURSE**  
**IST - Advanced Biotechnology Centre ABC**  
**Genoa - May 28th, 2007**  
**(Code: OEI..07..EDU..01)**

Define consensual quality standards and develop a tool for professionals enabling performances of the institutions to be assessed. The objectives are constant quality improvement, benchmarking and defence of the centre model within each country and through further European labelling

The final objective is also to foster policies that will provide clear and sound information for patients wishing to choose where they may obtain appropriate treatment throughout Europe.

**The OEI accreditation project is now running the second pilot phase testing the experimental informatics tool on 4 volunteers Cancer Centres selected among the OEI members.**

**Speakers**

**C.Lombardo:** IST- National Institute for Cancer Research of Genoa –Italy

**R. Otter:** CCC North-Netherlands Groningen cancer quality management system:

**H. Hummel:** CCCNN, Groningen Accreditation project, objectives, state of art and future plan of activities

**B. Koot:** Compusense Technical description of the tool

<http://oei.selfassessment.nu>

## ACCREDITATION COURSE PARTICIPANTS

- Dr. Tiziana CAMERINI – INT National Cancer Institute Milan (Italy)
- Dr. Stefano CANITNO – Istituto Regina Elena Rome (Italy)
- Dr. Silvana CHIARA – IST National Cancer Institute Genoa (Italy)
- Dr. Francesca D’ALESSANDRO - IST National Cancer Institute Genoa (Italy)
- Dr. GianFranco DE FEO – Fondazione Pascale Naples (Italy)
- Dr. PierLuigi DERIU – IEO European Oncology Institute Milan (Italy)
- Dr. Rosanna LACALAMITA – Cancer Institute Giovanni Paolo II Bari (Italy)
- Dr. Giuliana MATANO - INT National Cancer Institute Milan (Italy)
- Dr. Federica RADINI - Istituto Regina Elena Rome (Italy)
- Dr. Marco SPICCIO - IST National Cancer Institute Genoa (Italy)
- Dr. Tarsila FERRO – Catalan Institute of Oncology Valencia (Spain)
- Dr. Chriss HARRISON – Christie Hospital NHS Foundation Trust Manchester (UK)
- Dr. Francesco ROMEO – Cancer Institute of Mediterranean Catania (Italy)
- Dr. Maria Cristina SCUDIARI - Cancer Institute of Mediterranean Catania (Italy)

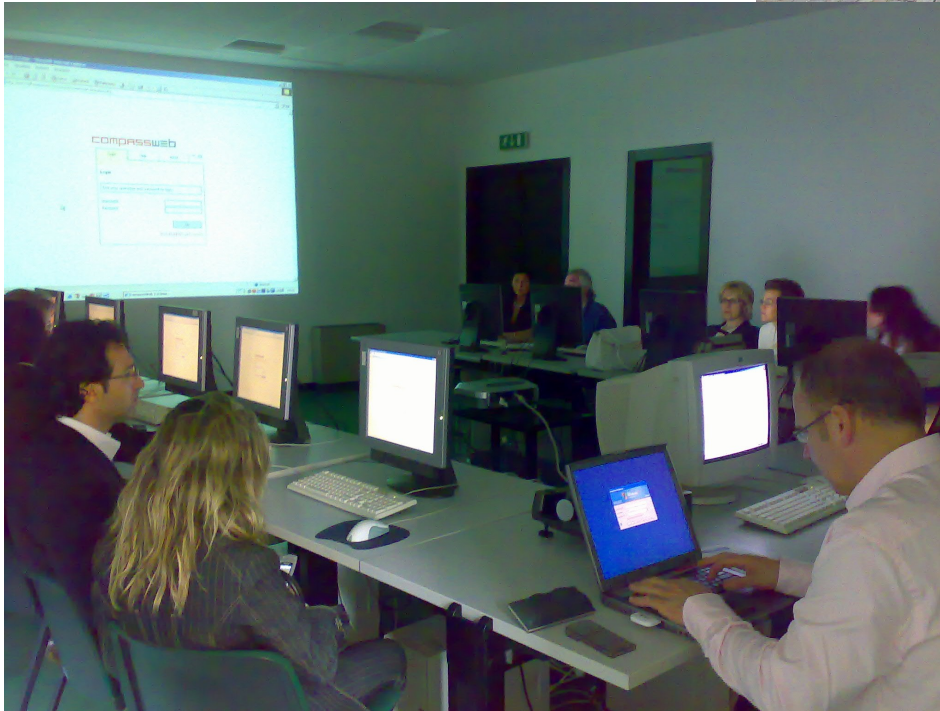




# OECI

Organisation of European Cancer Institutes  
European Economic Interest Grouping

## Education and Training Working Group





OEI

Organisation of European Cancer Institutes  
European Economic Interest Grouping

Education and Training Working Group

## 2008 PLAN OF ACTIVITIES

- Microarray data generation and analysis: practical course
  - 2<sup>nd</sup> training accreditation
  - 1<sup>st</sup> introduction to activities of guidelines WG



OEI

Copenhagen 2007





OEI

Organisation of European Cancer Institutes  
European Economic Interest Grouping

Education and Training Working Group

## PRACTICAL TRAINING ON MICROARRAY DATA GENERATION

(5 days)

The practical training will be carried out at a site where a microarray platform is available, likely the IRCC in Candiolo, Italy ( [www.ircc.it](http://www.ircc.it) ) for the Illumina platform, and to the Jules Bordet Institut in Brussels, Belgium (to be agreed), for the Affymetrix platform. Participants will have to send their RNA samples in advance to the facility.

A preliminary program of the training course can be outlined as follows:

Day 1: QC of RNA with Agilent bioanalyzer;

Day 2: cDNA-cRNA synthesis and purification;

Day 3: QC of cRNA with Agilent bioanalyzer;

Day 3-4: hybridization to microarrays;

Day 4: staining, washing and scanning of the arrays;

Day 4-5: QC on the array data and preliminary analysis.

The total cost for OEI to train four “students”, running 2 microarrays each, would be of € 1600



OEI

Copenhagen 2007



- **Costs to be supported by the OECE**
  - Travel and stay for the speakers
  - Training room location and equipments (if needed)
  - Lunches, coffee-breaks
- **Costs to be supported by the participants**
  - Travel and stay
- **Funding Sources**
  - OECE WG Budget
  - National and/or international bodies and organisations
  - Private Sponsors (industries – benevolents) OECE members aiming to organize in house training activities



## WG Staff

- Claudio Lombardo with the support of:
- the **Brussels Office** to advertise the activities
- the **Scientific Coordinator** of the course for the programme definition and selection of the speakers

**More support is required from Members aiming to collaborate in the organisation and hosting of training activities**



OECE

Organisation of European Cancer Institutes  
European Economic Interest Grouping

Education and Training Working Group

## **WG Composition**

**Claudio Lombardo:** Chairman

**Representatives and/or participants to the WG  
suggested by Members answering the 2006 questionnaire:**

**Italy:** Nicola Mozzillo

**Serbia-Montenegro:** Dusan Jovanovic

**Hungary:** Kasler, Miklos and Maria GODENY

**Turkey:** Özlem Ataman

**Ukraine:** V.F.Chekhun

**Belgium:** Dirk Verellen and Dominique De Valeriola



OECE

Copenhagen 2007



OECE

Organisation of European Cancer Institutes  
European Economic Interest Grouping

Education and Training Working Group

## **WG Contact**

**Claudio Lombardo**

Chairman Focal Point Alleanza Contro il Cancro

International Affairs

National Institute for Cancer Research of Genoa

**[claudio.lombardo@istge.it](mailto:claudio.lombardo@istge.it)**

**+39 010 5737284**



OECE

Copenhagen 2007

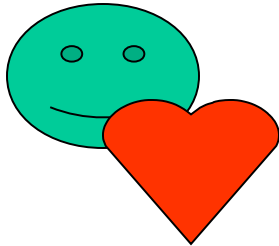


# THE SPEAKERS!!!



Exiting course!!

To be comprehensive



# THE CHAIRPERSONS!!!





OEI

Organisation of European Cancer Institutes  
European Economic Interest Grouping

Education and Training Working Group



OEI

Copenhagen 2007

# Requests of training activities received from Members

- Prevention, diagnosis, prognosis and pain control
- Principles of Cancer Prevention / Molecular profile of malignant tumours: relevance for diagnosis / Molecular prognosis for cancer / Sentinel node biopsy in colon and cervical cancer / Pain management in cancer patients / Minimal residual disease
- Imaging
- Breast imaging-MR mammography / Liver imaging-MRI in differential diagnosis of focal liver lesions
- Radio-treatment
- Treatment planning and delineation for conformal RT / Dosimetry and calibration of RT equipment
- Surgical-approaches
- Radical surgery in ovarian cancer / Liver surgery for primary and metastatic cancer / Surgical treatment of thyroid cancer / Importance of laparoscopic procedures in gynaecol. Oncology / Fertility sparing operative procedures in early invasive cervical cancer
- Chemotherapy
- Neoadjuvant/adjuvant chemotherapy in ovarian cancer / Neoadjuvant therapy of rectal cancer
- Other therapeutical approaches
- Peripheral blood stem cell transplantation in solid cancers / HPV vaccination / Radio-immunotherapy of lymphoma

## Offers of Training activities coming from Members

### Bottom-up proposals from the members matching the requests of needs

- Breast imaging-MR mammography
- Image guided radiotherapy: decrease of side effects and increase of cure?
- Liver imaging-MRI in differential diagnosis of focal liver lesions
- Molecular Imaging in Oncology: Apoptosis, proliferation hypoxia, angiogenesis, radiolabeled antibodies, dosimetry, targeted therapy: from lab to bedside.
- Multidisciplinary approach of sentinel node procedure: applications, methods, ...
- Molecular basis of cancer prevention
- Melanoma, from research to clinical practice
- Breast imaging-MR mammography
- The modern technologies of cancer vaccines production and using in experimental and clinical oncology