

## Scientific Coordinators

### Giovanni Corso

Breast Cancer Surgery, IEO, Milan  
University of Milan

### Bernardo Bonanni

Director, Division of Cancer Prevention and Genetics, IEO, Milan

### Paolo Veronesi

Director, Breast Tumor Program, IEO, Milan  
University of Milan

## Faculty

### Giuseppina Bonizzi

IEO, Milan (Italy)

### Fàtima Carneiro

University of Porto (Portugal)

### Francesca De Lorenzi

IEO, Milan (Italy)

### Silvia Dellapasqua

IEO, Milan (Italy)

### Herman Depypere

Clinic of Breast and Menopause,  
University Clinic of Gent (Belgium)

### Joana Figueiredo

University of Porto (Portugal)

### Uberto Fumagalli Romario

IEO, Milan (Italy)

### Viviana Galimberti

IEO, Milan (Italy)

### Sara Gandini

IEO, Milan (Italy)

### Elena Guerini-Rocco

IEO, Milan (Italy)

### Jaak Janssens

European Cancer Prevention Organization  
(Belgium)

### Carlo La Vecchia

University of Milan (Italy)

### Francesca Magnoni

IEO, Milan (Italy)

### Francesco Nicassio

Istituto Italiano di Tecnologia (IIT),  
Milan (Italy)

### Francesco Petrella

IEO, Milan (Italy)

### Gabriella Pravettoni

IEO, Milan (Italy)

University of Milan

### Anna Rotili

IEO, Milan (Italy)

### Franco Roviello

University of Siena (Italy)

### João Sanches

University of Lisbon (Portugal)

### Raquel Seruca

University of Porto (Portugal)

### Igor Smit

IJsselland Hospital (the Netherlands)

### Giuseppe Viale

IEO, Milan (Italy)

## Scientific Secretariat

### Maria Grazia Villardita

IEO, Milan (Italy)

### Meeting venue

Aula Magna Leonardo la Pietra  
Building 1  
European Institute of Oncology  
Via Ripamonti 435 – 20141 Milano

### Organizing Secretariat

MZ Congressi srl  
Via C. Farini 81  
20159 Milano  
Tel. 02 66802323  
E [ieoedu.eventi@ieo.it](mailto:ieoedu.eventi@ieo.it)

13 December 2019

## Hereditary Breast and Gastric Cancers: Prevention, Genetics and Care

Scientific Coordinators:  
Giovanni Corso, Bernardo Bonanni, Paolo Veronesi



In collaboration with



With the support of



With the endorsement of



This conference was supported in part by the Italian Ministry of Health (GR-2016-02361655): "Understanding how CDH1 germline mutations affect hereditary lobular breast cancer"

## Introduction

This meeting will be based on intense collaboration across disciplines in science and technology (specifically, medicine, surgery and biology), promoting further new attitudes and novel interactions between broad ranges of players in research. The instruments and next-generation sequencing techniques that will be used for the assessment of CDH1 germline mutation and genomic characterization of gastric and breast cancers are really innovative, an evolution of genomic science, and will consent to generate a big amount of data with a single sequencing run. Furthermore, final results of the present meeting could be the basis for a deeper, more careful evaluation and potential improvement of the current established guidelines for submitting subjects to CDH1 genetic testing.

The Divisions of Cancer Prevention and Genetics and Surgical Senology at the European Institute of Oncology are dedicated to develop new strategies for cancer prevention and care by conducting several phase II and III clinical trials, including laboratory and clinical studies on surrogate endpoint biomarkers of carcinogenesis and polymorphisms in genes related to cancer predisposition risk factors.

In the past decades, several collaborations with international study groups, including the International Gastric Cancer Linkage Consortium, have been established. The personnel involved in this meeting consists of senologists for clinical management of the patients, geneticists for genetic counselling, lab investigators for the laboratory analyses, a bioinformatics for next generation sequencing data analysis, a pathologist for selection and genomic characterization of gastric and breast cancers, and a senior statistician for the statistical analysis.

## Scientific Programme

- 8.30 Registration
- 9.00 Welcome  
P. Veronesi
- 9.10 **Lectio magistralis**  
**The European Cancer Prevention Organization**  
J. Janssens

### Scientific Session I. Prevention

*Chairs: S. Dellapasqua, F. Petrella*

- 9.30 **The gastric cancer consortium StoP**  
C. La Vecchia
- 9.50 **Hereditary lobular breast cancer: a new cancer predisposition?**  
G. Corso
- 10.00 **Breast imaging in lobular breast cancer**  
A. Rotili
- 10.10 **Psychological counseling**  
G. Pravettoni
- 10.20 **Validation of biomarkers in the era of personalized medicine: prevention, prognosis and prediction of response**  
S. Gandini
- 10.30 Discussion
- 10.40 Coffee break

### Scientific Session II. Genetics

*Chairs: F. Carneiro, B. Bonanni*

- 11.40 **Genetic counseling**  
B. Bonanni
- 11.50 **CDH1 germline missense mutations**  
R. Seruca
- 12.10 **E-cadherin mutations and remodeling of cell-extracellular matrix (ECM) interactions**  
J. Figueiredo
- 12.20 **Bioimaging analyses to identify E-cadherin associated features from protein to cell cycle**  
J. Sanches
- 12.30 **Clinical aspects of the hCG breast cancer prevention studies**  
H. Depypere
- 12.40 **Transcriptional evolution of TNBC cancer cells upon chemo-adaptation. A whole genome approach**  
F. Nicassio
- 12.50 Discussion
- 13.00 Lunch

### Scientific Session III. Pathology

*Chairs: F. Roviello, G. Viale*

- 15.00 **Pathology of hereditary diffuse gastric cancer**  
F. Carneiro
- 15.20 **Pathology of lobular breast cancer**  
E. Guerini-Rocco
- 15.30 **Tissue acquisition for molecular biology in cancer**  
I. Smit
- 15.40 **Biobank management**  
G. Bonizzi
- 15.50 Discussion
- 16.00 Conclusions

### Scientific Session IV. Surgery

*Chairs: V. Galimberti, U. Fumagalli Romario*

- 16.10 **Multidisciplinary management of high-risk patients**  
V. Galimberti
- 16.20 **Prophylactic mastectomy**  
F. Magnoni
- 16.30 **Breast reconstruction**  
F. De Lorenzi
- 16.40 **Prophylactic gastrectomy**  
F. Roviello
- 17.00 Discussion

## Online Registration

The attendance to the Conference is free of charge and it is limited to 100 participants.

You can register online by connecting to: [www.ieo.it/calendariocorsiecongressi](http://www.ieo.it/calendariocorsiecongressi), selecting the event of interest and clicking on "online registration".

### CERTIFICATE OF ATTENDANCE AND CME CREDITS

The course will apply to Agenas for providing Italian CME credits the following Medical Specialties: General Surgery, Epidemiology, Pathology, Psycho-Oncology, Plastic Surgery, Radiology, Medical Genetics, Oncology, Gastroenterology.

The Certificate of attendance will be delivered by e-mail.