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ESCO  
European School  
of Oncology

Joint International Conference 2025

# INNOVATION IN ONCOLOGY

## New Drugs and the Impact of Artificial Intelligence

November 12-13, 2025

Godard Cinema  
Fondazione Prada  
Milan, Italy

Chairman

Luca Gianni, Milan

Endorsed by

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AMERICAN SOCIETY OF CLINICAL ONCOLOGY  
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Joint International Conference 2025

# INNOVATION IN ONCOLOGY

## New Drugs and the Impact of Artificial Intelligence

### Conference overview

The FGB-FM-ESO Joint International Conference 2025 brings together **world-leading Experts in Oncology** to explore **cutting-edge developments in cancer therapeutics** and the **transformative potential of Artificial Intelligence in clinical practice**.

This two-day conference will foster collaboration between clinicians and researchers, promoting knowledge exchange and innovation in cancer care.

### The “Gianni Bonadonna Prize 2025”

On the occasion of the Joint Conference in “**Innovation in Oncology: New Drugs and the Impact of Artificial Intelligence**” the Fondazione Gianni Bonadonna is proud to award the “**Gianni Bonadonna Prize**”, aimed at **promoting and improving research in Oncology**.

The prize of €20.000,00 will be assigned to a **brilliant young researcher**, selected for the **originality of the research, independence and the potential impact in clinical oncology**.

This year marks the **10th Anniversary** since the passing of Gianni Bonadonna, and this award will be an important occasion to honour one of the founding fathers of modern oncology.

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### **Scientific Committee**

- ✓ **Giampaolo Bianchini**, San Raffaele Hospital, Milan, Italy
- ✓ **Carmen Criscitiello**, Humanitas University and Humanitas Research Hospital, Rozzano, Milan, Italy
- ✓ **Alberto Costa**, Chief Executive Officer, European School of Oncology, Milan, Italy
- ✓ **Luca Gianni**, President, Fondazione Gianni Bonadonna, Milan, Italy
- ✓ **Diego Tosi**, Cancer Institute of Montpellier (ICM), Montpellier, France
- ✓ **Giuseppe Viale**, European Institute of Oncology, Milan, Italy

### **Scientific Secretariat**

- ✓ **Giampaolo Bianchini**, San Raffaele Hospital, Milan, Italy
- ✓ **Carmen Criscitiello**, Humanitas University and Humanitas Research Hospital, Rozzano, Milan, Italy



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### Scientific Programme



- 13.00 - 14.00 Registration and networking
- 14.00 - 14.15 Welcome and introduction, **L. Gianni, A. Costa**

### SESSION 1: EMERGING PARADIGMS IN DRUG DEVELOPMENT

- 14.15 - 14.45 Next-Generation Antibody-Drug Conjugates:  
Design Principles and Clinical Applications, **R. Colombo**
- 14.45 - 15.15 Emerging Paradigms in Cancer Immunotherapy, **G. Bianchini**
- 15.15 - 15.45 New Frontiers in Endocrine Therapy for Breast Cancer, **R. Jeselsohn**
- 15.45 - 16.15 T Cell Engineering for Solid Tumors: Challenges and Opportunities, **C. Bonini**
- 16.15 - 16.45 Discussion

### GIANNI BONADONNA PRIZE 2025 THE AWARD CEREMONY

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## **SESSION 2: DIAGNOSTIC REVOLUTION IN ONCOLOGY AND ROLE OF ARTIFICIAL INTELLIGENCE**

13<sup>th</sup>

- 09.00 - 09.30 Clinical utility of ctDNA for treatment monitoring and early detection of resistance mechanisms in metastatic breast cancer, **I. Garcia-Murillas**
- 09.30 - 10.00 Radiomics: Transforming Imaging Data into Precision Oncology, **I. Buvat**
- 10.00 - 10.30 Utilizing Computational Pathology to Discover Biomarkers for Predicting Response in breast and ovarian cancer, **H. Horlings**
- 10.30 - 11.00 Breakthrough technologies: single-cell and spatially resolved, **L. Ahmad**
- 11.00 - 11.30 *Coffee break*
- 11.30 - 12.00 Biomarker development and clinical application: breast cancer as a model, **L. Pusztai**
- 12.00 - 12.30 From cloud to bedside: Responsible AI predictive models in healthcare, **C. Tacchetti**
- 12.30 - 13.00 Critical view of AI in Oncology, **I. Tannock**
- 13.00 - 13.30 Discussion
- 13.30 - 14.30 *Lunch*



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# INNOVATION IN ONCOLOGY

## New Drugs and the Impact of Artificial Intelligence

### SESSION 3: NEW HORIZONS IN ONCOLOGY DRUG DEVELOPMENT



- 14.30 - 15.00 Revolutionizing Dose Optimization, Efficacy Evaluation, and Tumor-Agnostic Methods in Early-Phase Clinical Trials, **V. Subbiah**
- 15.00 - 15.30 Post-Approval Dose Optimization to Improve the Therapeutic Index and Reduce Costs, **M.J. Ratain**
- 15.30 - 16.00 Tumor adaptive responses and rational development of drug combinations, **D. Tosi**
- 16.00 - 16.30 Discussion
- 16.30 - 16.45 Conclusion

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## **Faculty**

- ✓ **Lubna Ahmad**, Cancer Research UK Cambridge Institute, Cambridge, UK
- ✓ **Giampaolo Bianchini**, San Raffaele Hospital, Milan, Italy
- ✓ **Chiara Bonini**, San Raffaele Hospital, Milan, Italy
- ✓ **Irène Buvat**, Director Laboratory of Translational Imaging in Oncology, Institut Curie, Paris, France
- ✓ **Raffaele Colombo**, ADC Therapeutic Development, Zymeworks Inc., Vancouver, Canada
- ✓ **Hugo Hurlings**, Netherland Cancer Institute, Amsterdam, Netherlands
- ✓ **Rinath M. Jeselsohn**, Dana-Farber Cancer Institute, Boston, MA, USA
- ✓ **Isaac Garcia-Murillas**, The Breast Cancer Now Toby Robins Research Centre,  
The Institute of Cancer Research, London, UK
- ✓ **Lajos Pusztai**, Yale School of Medicine, New Haven, CT, USA
- ✓ **Mark J. Ratain**, The University of Chicago, IL, USA
- ✓ **Vivek Subbiah**, Sarah Cannon Research Institute, Nashville, TN, USA
- ✓ **Carlo Tacchetti**, Experimental Imaging Center, San Raffaele Hospital, Milan, Italy
- ✓ **Ian Tannock**, University of Toronto, Canada
- ✓ **Diego Tosi**, Cancer Institute of Montpellier (ICM), Montpellier, France

## CONFERENCE GENERAL INFORMATION

### VENUE

Godard Cinema, Fondazione Prada  
Largo Isarco, 2 - Milan, Italy

### APPLICATION

Attendance is free of charge.  
Application is mandatory

### Official Language

The official language of the  
Conference is English.  
No translation will be provided.

### Accommodation

To require Hotel accommodation  
in Milan, contact the  
Organizing Secretariat

## CONTACTS

### Scientific Secretariat

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### Organizing Secretariat

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