



**Fmp**  
Fondazione per la  
Medicina Personalizzata

Photo: Oreste Fiorenza

# ITALIAN SUMMIT ON PRECISION MEDICINE

*Presidents: Giuseppe Curigliano and Paolo Marchetti*

28<sup>th</sup> - 29<sup>th</sup> April 2023

Villa Aurelia - Largo di Porta San Pancrazio, 2 - Rome

# Rational

*Personalizing cancer medicine depends on the implementation of personalized diagnostics and therapeutics. Detailed genomic screening is likely to play a central role in this.*

*Personalized Medicine has been widely depicted as a striking innovation, that is able to reform the standard approach to disease management, replacing the one-size-fits-all scheme of medicine with a single-patient-sized medical intervention. Personalized medicine promoters usually highlight its potential to combine a more effective health-care with costs containment, according to the following rules:*

*monitoring of disease risks and more effective prevention;*

- early intervention;*
- selection of optimal therapy;*
- reduction of trial-and-error prescribing and reduction of adverse drug reactions;*
- exclusion of unnecessary drugs;*
- therapeutic drug monitoring and disease progression/remission monitoring;*
- increased patient compliance with therapy.*

*But, despite expectations, many unsolved practical issues, from technical and scientific to ethical, legal and economic topics, are slowing down the translation of personalized medicine principles into medical practice. Furthermore, wide adoption of personalized strategies also has to deal with the peculiar rules, policy and reimbursement system of each country. Application of Personalized Medicine in the real world seems entangled by the unmet need to develop evidence-based guidelines.*

*The aim of the meeting, where we are expecting about 100/120 participants from Italy and Europe, is to discuss with principal key opinion leader about the future prospective of precision medicine and precision oncology and the application in the real world.*

# Friday 28<sup>th</sup> April 2023

## 09:20 - 10:40 **OPENING SESSION I**

09:20 - 09:40 Precision medicine in cancer care - **Fabrice André**

09:40 - 10:00 Mapping genomic evolution complexity of cancer - **Alberto Bardelli**

10:00 - 10:20 Adaptive trial design for precision oncology - **Michele Milella**

10:20 - 10:40 Q&A

10:40 - 11:10 Coffee break

## 11:10 - 13:00 **SESSION II - Challenges in biomarker identification**

11:10 - 11:30 Next generation sequencing role in precision medicine - **Jeffrey Ross**

11:30 - 11:50 Pathogenicity evaluation of genomic findings - **Andrea Sartore Bianchi**

11:50 - 12:10 Actionability of genomic findings - **Giancarlo Pruneri**

12:10 - 12:30 Q&A

12:30 - 14:00 Lunch

## 14:00 - 15:50 **SESSION III - Precision medicine practical and strategical challenges**

14:00 - 14:20 Challenges in target identification in clinical practice - **Andrea Botticelli**

14:20 - 14:40 Precision strategies against resistance mechanisms - **Matteo Repetto**

14:40 - 15:00 Phase I clinical trials for precision medicine - **Alexander Drilon**

15:00 - 15:20 Agnostic drug development - **Vivek Subbiah**

15:20 - 15:50 Precision oncology what's next - **Razelle Kurzrock**

15:50 - 16:15 Q&A

# Saturday 29<sup>th</sup> April 2023

## 09:00 - 10:50 **SESSION IV - Big Data analysis for precision medicine**

09:00 - 09:20 Reliable and reproducible analysis of genomic alterations - **Dean Pavlick**

09:20 - 09:40 Molecular tumor boards - **Edoardo Crimini**

09:40 - 10:00 Clinical trials in the era of genomic medicine - **Andrea Necchi**

10:00 - 10:20 Precision medicine: challenges and opportunities of AI implementation - **Gabriella Pravettoni**

10:20 - 10:50 Q&A

10:50 - 11:10 Coffee break

## 11:10 - 13:00 **SESSION V - Histology specific precision medicine 1/2**

11:10 - 11:30 Gastro-esophageal tumors - **Tania Fleitas**

11:30 - 11:50 Carcinoma of Unknown primary - **Alwin Krämer**

11:50 - 12:10 Colorectal cancer - **Alberto Bardelli**

12:10 - 12:30 Breast cancer treatment in different sub groups - **Javier Cortes Castan**

12:30 - 13:00 Q&A

13:00 - 14:00 Lunch

## 14:00 - 15:50 **SESSION VI - Histology specific precision medicine 2/2**

14:00 - 14:20 Pancreas and biliary tract cancers - **Arndt Vogel**

14:20 - 14:40 Prostate cancer - **Giuseppe Procopio**

14:40 - 15:00 Precision medicine in lung cancer - **Justin Gainor**

15:00 - 15:20 Therapeutic reconciliation: a challenge in the real world setting - **Maurizio Simmaco**

15:20 - 15:40 Implementing precision medicine in real world - **Paolo Marchetti**

15:40 - 16:00 Q&A

16:00 - 16:30 Panel discussion & Miscellanea

16:30 - 17:00 CME final evaluation test

# General Information

**Presidents:** Giuseppe Curigliano and Paolo Marchetti

Congress Venue:

Villa Aurelia - Largo di Porta San Pancrazio, 2 - Rome

CME Provider n. 4795

Didactika S.r.l.

Piazza della Trasfigurazione, 8/a - 00151 Rome

ref. n. 369299

CME Credits: 9,1

This event is open to biologists, medical doctors and surgeons, psychologists.

## **Disciplines:**

Dermatology, Haematology, Gastroenterology, Internal medicine, Oncology, Radiotherapy, Gynaecology, Histology, Biochemistry, Pharmacology and Clinical Toxicology, Clinical Pathology; Medical genetics; General Surgery; Plastic and Reconstructive Surgery; Urology; General Medicine (Family Doctors); Palliative Care.

To obtain the CME credits, the participant should be present for at least 80% of the total duration of the congress, fill in all the forms and pass the final CME test. At the end of the congress, the organizing secretariat will issue a certificate of attendance.

## **Registration:**

Registration is free and necessary. To register for the Congress, please visit us at [www.didactika.it](http://www.didactika.it) or send the registration form by e-mail to: [info@didactika.it](mailto:info@didactika.it)

## **Registration includes:**

Access to all scientific sessions. Certificate of attendance.

This congress will be held in presence for a maximum of 100 participants.

# Speakers

**FABRICE ANDRE'** - President-elect of the European Society for Medical Oncology (ESMO); Research Director Institut Gustave Roussy, Department of Medical Oncology

**ALBERTO BARDELLI** - Professor, Department of Oncology, University of Turin - Turin, Italy

**ANDREA BOTTICELLI** - Assistant Professor, University of Rome La Sapienza and Policlinico Umberto I - Rome, Italy

**JAVIER CORTES CASTAN** - International Breast Cancer Center (IBCC), Pangaea Oncology, Quironsalud Group, Madrid and Barcelona, Spain & Faculty of Biomedical and Health Sciences, Department of Medicine, Universidad Europea de Madrid - Madrid, Spain

**EDOARDO CRIMINI** - Department of Oncology and Hemato-Oncology, University of Milan, Milan, Italy. Division of Early Drug Development for Innovative Therapy, IEO, European Institute of Oncology, IRCCS - Milan, Italy

**GIUSEPPE CURIGLIANO** - Full Professor of Medical Oncology, Department of Oncology and Hemato-Oncology, University of Milan. Director Division of Early Drug Development for Innovative Therapies European Institute of Oncology IRCCS, Milan, Italy

**ALEXANDER DRILON** - Chief, Early Drug Development Service Associate Attending Physician, Thoracic Oncology Service Memorial Sloan Kettering Cancer, New York (USA)

**TANIA FLEITAS** - Medical Oncologist, Hospital Clínico Universitario de Valencia. Incliva Biomedical Research Institute, Valencia, Spain

**JUSTIN GAINOR** - Director, Center for Thoracic Cancers Director of Targeted Immunotherapy Associate Professor of Medicine at Harvard Medical School" - Boston (USA)

**ALWIN KRÄMER** - Head of Division Molecular Hematology/Oncology Deutsches Krebsforschungszentrum" - Heidelberg, Germany

**RAZELLE KURZROCK** - Professor of Medicine, Associate Director, Clinical Research MCW Cancer Center and Genomic Sciences and Precision Medicine Center Linda T. and John A. Mellows Endowed Chair of Precision Oncology - Milwaukee, USA

**MICHELE MILELLA** - Professor of Oncology Director of the Residency Program in Medical Oncology, University of Verona - School of Medicine - Verona, Italy

**PAOLO MARCHETTI** - Head of Scientific Department Istituto Dermatologico dell'Immacolata IRCCS - Rome, Italy

**ANDREA NECCHI** - Associate Professor, Vita-Salute San Raffaele University; Head of Genitourinary Medical Oncology IRCCS San Raffaele Hospital - Milano, Italy

**DEAN PAVLICK** - Senior Scientist | Cancer Genomics Research - Cancer Genomics Research, Foundation Medicine - Cambridge, USA

**GABRIELLA PRAVETTONI** - Director, Applied Research Division for Cognitive and Psychological Science, Istituto Europeo di Oncologia - Milan, Italy

**GIUSEPPE PROCOPIO** - IRCCS Istituto Nazionale dei Tumori - Milan, Italy

**GIANCARLO PRUNERI** - Head, Department of Pathology and Laboratory Medicine, Fondazione IRCCS, Istituto Nazionale Tumori; Full Professor in Pathology, University of Milan, School of Medicine - Milan, Italy

**MATTEO REPETTO** - Medical Oncology Resident, Division of New Drugs and Early Drug Development, Istituto Europeo di Oncologia, Milan Italy

**JEFFREY ROSS** - Medical Director, Foundation Medicine - Cambridge, USA

**ANDREA SARTORE BIANCHI** - Head of Molecular and Clinical Oncology Unit, ASST Grande Ospedale Metropolitano Niguarda; Associate Professor of Oncology University of Studies of Milan - Milan, Italy

**MAURIZIO SIMMACO** - Professor of Biochemistry and Advanced Molecular Diagnostics, University of Rome - Rome, Italy

**VIVEK SUBBIAH** - Associate Professor in the Investigational Cancer Therapeutics Department MD Anderson Cancer Center - Houston, USA

**ARNDT VOGEL** - Hannover Medical School; Senior Physician at the Clinic for Gastroenterology, Hepatology & Endocrinology, Head of the Center for Personalized Medicine at the MHH - Hannover, Germany



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Thanks to the non conditioning contribution of:

