

Fondazione Umberto Veronesi and Fondazione Silvio Tronchetti Provera
present

THE HEALTHCARE TO COME

Assessing the promises and challenges
of personalized medicine

October 16th, 2019

University of Milan

Aula Magna

- **9:00 – 9:30 Welcome Addresses**

Elio Franzini | Rector, University of Milan

Marco Tronchetti Provera | President, Fondazione Silvio Tronchetti Provera

Paolo Veronesi | President, Fondazione Umberto Veronesi

- **9:30 – 10:00 Opening Speech**

Immune Checkpoint Blockade in Cancer Therapy: historical perspective new opportunities, and prospects for cures

James P. Allison | Nobel Laureate in Physiology or Medicine 2018

- **10:00 – 11:35 SESSION 1 - Has precision medicine improved the outcome in cancer, so far?**

Chairs:

Giuseppe Remuzzi | Director, Mario Negri Institute for Pharmacological Research, Milan

Pier Giuseppe Pelicci | Director of the Research Area, IEO; Chairman, Department of Experimental Oncology, IEO; Full Professor of Pathology, University of Milan



Keynote Speech:

From the clinic to the lab: investigating response and resistance mechanisms to immune checkpoint therapy

Padmanee Sharma | Professor, Department of Genitourinary Medical Oncology, Division of Cancer Medicine, The University of Texas MD Anderson Cancer Center, Houston, USA

Keynote Speech:

The MD Anderson Cancer Moon Shots Program: a goal-oriented, multi-disciplinary effort to dramatically reduce cancer mortality

Giulio Draetta | Chief Scientific Officer, Sewell Family Chair in Genomic Medicine, The University of Texas MD Anderson Cancer Center, Houston, USA

Round Table:

Ruggero De Maria | President, Alliance Against Cancer, Italy

Antonio Lanzavecchia | Director, Institute for Research in Biomedicine, Bellinzona

Michele Maio | Professor of Oncology, Director Center for Immuno-Oncology, University Hospital of Siena

● **11:35 – 13:15 SESSION 2 - Deep learning vs evidence based medicine**

Chairs:

Paolo G. Casali | Associate Professor, Medical Oncology, University of Milan; Director of Medical Oncology Unit 2, Fondazione IRCCS Istituto Nazionale dei Tumori, Milan

Giuseppe Testa | Full Professor, Molecular Biology, University of Milan; Director, Laboratory of Stem Cell Epigenetics, IEO, Milan

Keynote Speech:

Getting to personalized medicine: a comparison of decision-making strategies between doctors and data

Cecile J.W. Janssens | Professor, Department of Epidemiology, Rollins School of Public Health, Emory University, Atlanta, USA

Keynote Speech:

Personalized medicine: evidence-based medicine versus artificial intelligence?

Paolo G. Casali | Associate Professor, Medical Oncology, University of Milan; Director of Medical Oncology Unit 2, Fondazione IRCCS Istituto Nazionale dei Tumori, Milan

Round Table:

Paolo Bruzzi | Epidemiologist, Genoa

Maria Grazia Valsecchi | Professor, Medical Statistics; Director School of Medicine and Surgery, University of Milano-Bicocca

Gabriella Pravettoni | Full Professor, General Psychology; Director, Department of Oncology and Hemato-Oncology, University of Milan

● **13:15 – 14:30 LUNCH**

● **14:30 – 15:45 SESSION 3 - Chartering the roadmap to the first clinical testing and market access of Advanced Therapy Medicinal Products: the experience with cell and gene therapies for rare diseases**

Chairs:

[Luigi Naldini](#) | Director, SR-TIGET, Milan

Keynote Speech:

Hematopoietic stem cell gene therapy for genetic diseases: from experimental treatments to approved drugs

[Alessandro Aiuti](#) | Deputy Director, SR-TIGET, Milan

Round Table:

[Diego Ardigò](#) | R&D Rare Diseases Unit Head, Chiesi Group, Parma

[Sandra Petraglia*](#) | Head, Pre Authorization Department; ad interim Head of Independent research Office, AIFA, Rome

[Riccardo Palmisano](#) | President, Assobiotech; Chief Executive Officer, MolMed; Vice President, Lombardy Life Science Cluster

● **15:45 – 17:10 SESSION 4 – Medical decision making and public policies**

Chairs:

[Fabio Pammolli](#) | Full Professor, Department of Management, Economics and Industrial Engineering, Politecnico of Milano

[Aleksandra Torbica](#) | Associate Professor, Department of Social and Political Sciences, Bocconi University; Director, CERGAS, Milan

Keynote Speech:

Personalized medicine – challenges for economic analysis and public policy

[Bengt Jönsson](#) | Professor Emeritus, Health Economics, Stockholm School of Economics

Keynote Speech:

Personalised Medicine: oil-rush or oil-spill?

[Alistair McGuire](#) | Professor, Health Economics, London School of Economics and Political Science

Round Table:

[Gianluca Baio](#) | Professor, Statistics and Health Economics, University College London

[Lorenzo Giovanni Mantovani](#) | Director, Center for Public Health Research, University of Milano-Bicocca

[Nello Martini](#) | President, Research and Health Foundation

● **17:10 – 17:30 CLOSING REMARKS**

Fondazione Umberto Veronesi's Mission

Fondazione Umberto Veronesi (FUV) was founded in 2003 by Professor **Umberto Veronesi** alongside with many other internationally renowned scientists and intellectuals, including **11 Nobel Prize Laureates**. The founder's intent was to promote excellent scientific research and prevention, health education and high level science dissemination projects.

The overall activities of Fondazione Umberto Veronesi revolve around progressing Professor Veronesi's vision: to develop and bring innovative scientific knowledge and research to oncology patients. In his own words: "Science must always act for and with humankind: this means to acknowledge the person as the pivot for science innovation by searching for solutions and strategies that improve the quality of life and give hope for present and future generations".

The goal of Fondazione Umberto Veronesi is to **encourage scientific progress** to improve medical treatments, to develop new life longevity ideas as well as to identify new opportunities to ensure well-being of contemporary and future society. To pursue its goals, Fondazione Umberto Veronesi **funds cutting-edge high-profile medical projects** and **research** and provides grants for targeted **medical research** in oncology, neurology and cardiology.

FUV engages in **scientific dissemination**, through innovative **awareness campaigns**, educational workshops in schools and exhibitions organized in several Italian cities around the themes of prevention and health education. Moreover, Fondazione Umberto Veronesi is committed to the organization of large scale **conferences** with international speakers exploring the future of science examined through the lenses of several disciplines reflecting the complexity of human life.

Fondazione has always believed in the importance of communicating scientific progress and technology application to the public. Understanding the evolution of scientific research is the way to look at the future more thoroughly thus providing ourselves with greater ability to carrying out research, acquiring new knowledge and choosing responsibly. This is the reason why Fondazione Umberto Veronesi has organized The Healthcare to Come international conference focused on the theme of Personalized Medicine.

www.fondazioneveronesi.it

Fondazione Umberto Veronesi

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Fondazione Silvio Tronchetti Provera's commitment to young people and scientific research

Set up as a non-profit in 2001 with the aim of promoting and disseminating an understanding of digital economy, science and technology in various sectors of the economy, Fondazione Silvio Tronchetti Provera supports **innovative research**, the **valorization of young people** and **scientific divulgation**.

This is the area addressed by the conference **Healthcare to Come** which brings together internationally renowned scientists to discuss the latest frontiers of biomedical research and personalized medicine in particular. The convention is realized in conjunction with Fondazione Umberto Veronesi and Università degli Studi in Milan, and involves doctors, researchers and healthcare professionals, as well as journalists, civil society and science students.

From the outset Fondazione Silvio Tronchetti Provera has provided concrete support to young students and researchers to valorize their work through collaboration with prestigious universities and companies from Italy and abroad. Over its history it has funded around 300 innovation-related projects through scholarships, research grants and fellowships. These include doctoral research in advanced materials science at the **Scuola Normale Superiore di Pisa**, infomobility studies carried out with the **Milan Polytechnic**, research into the impact of digitalization on manufacturing firms developed with Milan's **Bocconi University**, and a master's degree in digital science in conjunction with **Bicocca University** in Milan, actively contributing to deciding the content and bringing universities and business together in the planning and design of laboratories.

Meanwhile an innovative look at the green economy and e-mobility is provided by the Observatory on Renewable Energies realized in collaboration with Milan Polytechnic, which each year gives a snapshot of the world of renewables and electric mobility.

Another of the Foundation's aims is to encourage young people to study science by helping them to carry out research in an academic environment with close ties to business, ensuring a high quality education and funding training courses for students and teachers at some of the world's most prestigious institutions. The larger goal is to create a next generation of researchers able to effectively confront the challenges of the future. Examples include courses for secondary school teachers at **CERN in Geneva** on the latest discoveries in physics and the Polo di Milano educational research project realized with the **Fondazione dei Lincei**.

www.fondazionetronchetti.it

Fondazione Silvio Tronchetti Provera

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