



Program

XVII Conference of Italian Researchers in the World

April 1, 2023

09:30 (EST) – 16:00 (Italian Time) – Moderated by

[Patrizia Angelini](#)

Giornalista - Rai

Inviata TG1- Speciali TV7

09:30 Welcome

[Gregory N. Mandel](#)

Provost Temple University

[Antonio Giordano](#)

President, Sbarro Institute for Cancer Research (SHRO) - XVII Conference Executive Director

[Andrea Giuffrida](#)

President Texas Scientific Italian Community (TSIC)

[Cristiana Mele](#)

Consul General of Italy-Philadelphia

10:00 Opening Remarks

[Vincenzo Arcobelli](#)

Conference Chairman

Closing Remarks

[Anna Maria Bernini](#)

Ministro dell'Università e della Ricerca

10:15 Research - Global Engagement

INTRODUCTION

[Silvio Brusaferro](#)

Presidente Istituto Superiore di Sanità

[Emilia Zankina](#)

Vice Provost Global Engagement Dean Temple University-Roma Campus

10:30 Associations of Italian Researchers Abroad- "Their Role"

[Fabio De Furia](#)

President, Miami Scientific Italian Community (MSIC)

[Rosanna Bonasia](#)

President, Associazione Ricercatori Italiani in Messico (ARIM)

[Rossana De Angelis](#)

President, Rete dei Ricercatori Italiani in Francia (RÉCIF)

[Antonino Marciandò](#)

President, Association of Italian Scholars in China (AAIC)

11:10 Sessions Presentation

AEROSPACE

Moderator

[Francesco Fusco](#)

FISE –Executive Director Foundation for International Space Education

[Andrea Bari](#)

Aerospace Engineering, Polytechnic University of Turin, Plasma Physics Lab at Stanford University, California
Harnessing solar wind for interplanetary propulsion

11:30

MEDICINE

Moderators

[Gianfranco Bellipanni](#)

Ph.D., Sbarro Health Research Organization/Temple University Philadelphia

[Antonio Di Carlo](#)

Professor, Surgery Chief, Abdominal Organ Transplant Surgery Surgical Director, Kidney, Liver and Pancreas Transplantation, and Living Donation, Temple University Hospital Chief, Transplantation, Saint Christopher's Hospital for Children, Philadelphia

[Roberto Malighetti](#)

Visiting professor Minzu University of China (Beijing).

Director CREAM (Centro

Ricerche EtnoAntropologiche Milano) Prof. Department of Human Sciences and Education Università degli Studi di Milano. Bicocca

Antropologia Medica

[Alfonso Bellacosa](#)

Professor, Nuclear Dynamics and Cancer Program, Cancer Epigenetics Institute Fox Chase Cancer Center Philadelphia

TET1 and TDG suppress inflammatory response in intestinal tumorigenesis: implications for colorectal tumors with the CpG Island Methylator Phenotype

[Antonio Colaprico](#)

Ph.D., Associate Scientist (University of Miami) Post doc researcher in Bioinformatics (Université Libre de Bruxelles) Ph.D. in Bioinformatics (University of Sannio, Italy)

Bioinformatics tools to integrate and understand molecular changes associated with Immune Response, Stemness and Oncogenic processes: A PanCancer study.

[Enrico Cavarzerani](#)

Ph.D., Department of Molecular Sciences and Nanosystems, Ca Foscari



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University of Venice, Pathology Unit,
Centro di Riferimento Oncologico
Department of Medical, Surgical and
Health Sciences, University of Trieste
**A passive microfluidic platform for a
personalized therapy in HGSO
patient derived organoids**

Francesca Cersosimo

Researcher in Genetic, Oncology and
Clinical Medicine at the University of
Siena/Sbarro Health Research
Organization and Molecular Medicine
Temple University, Philadelphia
**The Investigation of CSF-1R signaling
pathway In Malignant Mesothelioma**

Lucia Coronel

Researcher, Department of Biology
Temple University
**"Role of lipids in hydrophobic gating
and blocker affinity in BK channels"**.

Sara Damiano

Ph.D., Associated Professor in
Veterinary Pharmacology and
Toxicology, University Federico II,
Naples, Department of Veterinary
Medicine and Animal Productions,
Sbarro Institute for Cancer Research
and Molecular Medicine, Temple
University, Philadelphia
**Phaeodactylum Tricornutum Against
Chronic Myeloid Leukemia:Role of
Oxidative Stress And Apoptosis**

Pietro Mancuso

Ph.D., Department of Microbiology,
Immunology and Inflammation Center
for Neurovirology and Gene Editing
/Lewis Katz School of Medicine at
Temple University, Philadelphia
**Removal of SIV Proviral DNA
Fragments by CRISPR from Blood and
Lymphoid Cells of Living ART Treated
Non-Human Primates.**

Luciano Mutti

MD, Sbarro Health Research
Organization/Temple University
Philadelphia
**Adenosine Pathway as a
prognostic biomarker and an
actionable target to overcome
"immune escape" of human tumors:
the Mesothelioma model.**

Alberto Riva

Scientific Director
Bioinformatics Core, Interdisciplinary
Center for Biotechnology Research
University of Florida
**Single-cell technologies for
biomedical research**

Giovanna Rossi-Márquez

Ph.D., Biotechnological Sciences
Tecnológico Nacional de México
Instituto José Mario Molina Lagos de
Moreno
**Effect of Transglutaminase-
crosslinked coating to reduce the fat-
uptake of fried sausages**

Antonio Russo

Physician, Cardiologist and Sports
Medicine Doctor USL Umbria 1-
Perugia (Italy) Cardiologist Healthcare
Staff Società Sportiva Calcio Napoli
(Italy)
**Long-term correlation between
cardiorespiratory fitness, spirometric
parameters and radiology in patients
hospitalized for Covid-19: the study
«Captain Covid »**

Luca Tottone

Ph.D., Assistant Scientist Nimer Lab
Sylvester Comprehensive Cancer
Center-University of Miami
**Relationship between aberrant gene
regulation and the pathogenesis of
Acute Leukemias.**

Alessia Zamborlini

Professor in Virology at Paris Saclay
University, France
**Understanding the molecular bases
of the anti-HIV activity of SAMHD1,
independent of its dNTPase function**

13.50

STEAM

Moderator

Rosanna Bonasia

Ph.D., Civil Sustainable Technologies
School of Engineering and Sciences
Tecnologico de Monterrey Campus,
Estado de Mexico

Andrea Morrione

MD, Sbarro Health Research
Organization/Temple University
Philadelphia

Marco Baldocchi

CEO & Neuromarketing expert- Miami
National Association of Neuroscience
**How can I create a different product
in a crowded market like wine?**

Lorenzo Brancaleon

Ph.D., Department of Physics and
Astronomy University of Texas at San
Antonio
**Effects of laser irradiation of self-
assembled complexes of
photosensitizers with globular
proteins**

Massimiliano Galeazzi

Ph.D., & Chair of Physics Cooper
Fellow University of Miami
Wide field X-ray telescopes for space



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Emanuele Giorgi

Ph.D., Director of Research
School of Architecture, Art and Design
Tecnológico de Monterrey, Mexico
**Le sfide tecnologiche nelle comunità
più vulnerabili. Uno studio nello
Stato di Chihuahua, Messico.**

Giuseppe Loiano

Director of the Agile Robotics and
Perception Lab, New York University
Learning Robot Super Autonomy

Simone Lucatello

Ph.D., Consiglio Nazionale di Scienza e
Tecnologia (CONACYT) Mexico,
Coordinatore Leader rapporto GEO 7
Programma delle Nazioni Unite (ONU)
e per l'Ambiente(UNEP)
Stato attuale del pianeta terra

Francesco Randi

Ph.D., Department of Physics, and
Neuroscience Institute, Princeton
University, Princeton New Jersey
**Neural signal propagation atlas of C.
elegans**

Enrico Santus

Ph.D., Data Scientist Head of Human
Computation CTO Office at
Bloomberg, New York
**Artificial Intelligence: Italy, Do Not
Stop the Progress: Create It!**

Cooperation Agreements with UC
Berkeley, Denver University

**Back from Oblivion: The Rediscovery
of Domenico Cirillo's Forgotten
Election to the American
Philosophical Society**

Alessandra Vannucci

Ph.D., Director and playwright,
Ph.D (UFRJ-Brazil)
Postdoctoral visiting scholar
(COLUMBIA UNIVERSITY)
**The queen of the scenes at the
Emperor's court.**

Moira Di Mauro-Jackson

Ph.D., Italian Program Coordinator
Department of World Languages and
Literatures
Texas State University, San Marcos
**D'Annunzio's Il piacere: A Farcical
Socio-Political Dissent**

16:00 Conclusion

**Ph.D., Antonio Giordano (XVII
Conference Executive Director)**

15:30

HUMANITIES

Moderator

Amedeo Arena

Professor, Università degli Studi di
Napoli Federico II Dipartimento di
Giurisprudenza/ Delegate for
International Relations and
Coordinator for the Academic