

Event funded by



SPOTLIGHT PROGRAMME EVENT AWARD

Precision medicine innovations for diagnosis and therapy of tissue and organ failures:

*From the research infrastructures to
the healthcare*

6 NOVEMBER 2026 | 08:30–18:00

Villa Magnisi • Ordine dei Medici di Palermo

Palermo, Italy | Hybrid event: in person + online

KEY THEMES

- Research infrastructures and healthcare
- AI and computational methods for precision medicine
- Innovative diagnostics and personalized patient care
- Next-generation therapies in transplantation
- Equity and inclusion in clinical research

ORGANIZING COMMITTEE

Pier Giulio Conaldi — IRCCS ISMETT, Palermo

Vitale Miceli — IRCCS ISMETT, Palermo

Fabrizio Campisi — IRCCS ISMETT, Palermo

Giuseppe Banfi — IRCCS Ospedale Galeazzi–Sant’Ambrogio,
Milano



EVENT REGISTRATION

Hybrid event: in-person and online participation.

Participation is open and free to everyone, but the registration is required. To register to the event please visit the following webpage:

<https://forms.cloud.microsoft/e/NZHKCyFm0X>

Please note that only 70 places are available.

Event organized by



**I.R.C.C.S. Ospedale
Galeazzi - Sant'Ambrogio**
Gruppo San Donato

With the support of

eatris

Scientific programme · Morning

6 NOVEMBER 2026 | PALERMO | HYBRID EVENT

- 08:30–09:00

Registration
- 09:00–09:30

Institutional welcome (in Italian)

Dott. Salvatore Amato — Presidente, Ordine dei Medici di Palermo

Prof. Angelo Luca — Direttore, IRCCS ISMETT, Palermo

Dott. Edmondo Tamajo — Assessore delle Attività produttive, Regione Sicilia

Dott. Marcello Caruso — Assessore alla Salute, Regione Sicilia

Presentation of EATRIS SPOTLIGHT PROGRAM

Dott.ssa Francesca Capone · Governor of EATRIS Italy, Istituto Superiore di Sanità

SESSION I | 09:30–10:30

Research infrastructures, healthcare and socio-economic improvement: two different examples in North and South Italy

- IRCCS ISMETT Research Infrastructures

Pier Giulio Conaldi
- IRCCS Ospedale Galeazzi Sant’Ambrogio and MIND District

Giuseppe Banfi
- RiMED Research Infrastructures

Antonio D’Amore
- ASTRAFE Patient association

Salvatore Camiolo

SESSION II | 10:30–13:00

Emerging AI and computational methodologies for precision medicine: opportunities and challenges, equity and inclusion issues

Chairpersons: Giuseppe Banfi · Antonio Arcadipane

- 10:30–11:00

From algorithms to clinical practice: artificial intelligence for the prevention of severe diseases

Alessandro Bertani · Giuseppe Caruana
- 11:00–11:20

Artificial intelligence as a transformative framework for translational precision medicine

Marco Mastroianni
- 11:20–11:50

Computational approaches for high-dimensional biomedical data integration and patient stratification: applications in structural heart interventions

Salvatore Pasta · Caterina Gandolfo
- 11:50–12:20

Data-driven physiological modeling and machine learning for clinical decision support in complex diseases

Luca Faes · Vincenzina Lo Re
- 12:20–12:40

Equity in clinical trials: ensuring inclusive participation for better health outcomes

Patrizio Vitulo

Open discussion

13:00–14:00 LUNCH

Scientific programme · Afternoon

6 NOVEMBER 2026 | PALERMO | HYBRID EVENT

SESSION III | 14:00–16:15

Innovative diagnostic approaches for precision medicine and personalized patient care

Chairpersons: Gennaro Martucci · Giovanni Lombardi

- 14:00–14:20

microRNAs: intrinsically predictive biomarkers and druggable targets
Martina Faraldi
- 14:20–14:40

Metabolomics endophenotyping: working backwards from the net result to the pathogenic mechanism
Amir Mohammad Malvandi
- 14:40–15:10

How advanced whole genome sequencing profiling is redefining precision medicine: implications for biliary strictures
Alessia Gallo · Ilaria Tarantino
- 15:10–15:40

Circulating biomarkers in translational medicine: applications across diseases and insights into post-transplant metabolic complications
Vitale Miceli · Alessandro Mattina
- 15:40–16:00

Advanced proteomic approaches for biomarker discovery and precision diagnostics
Simone Dario Scilabra

Open discussion

SESSION IV | 16:15–18:00

Next-generation therapeutic strategies in personalized transplantation medicine

Chairpersons: Lucia Gabriele · Pier Giulio Conaldi

- 16:15–16:45

Advanced organ perfusion and graft reconditioning approaches to improve liver and lung transplant outcomes
Salvatore Gruttadauria · Alessandro Bertani
- 16:45–17:15

Emerging biological therapies for the prevention and treatment of ischemia–reperfusion injury
Vitale Miceli · Giovanni Zito
- 17:15–17:40

Personalized management of viral infections in solid organ transplanted patients
Matteo Bulati · Andrea Cona
- 17:40–18:00

Innovative approaches to promote organ transplant tolerance
Rosalia Busà

Closing remarks - Pier Giulio Conaldi · Giuseppe Banfi

Faculty & event registration

6 NOVEMBER 2026 | PALERMO | HYBRID EVENT

Amato Salvatore

Presidente Ordine dei Medici di Palermo

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Busà Rosalia

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Capone Francesca

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Caruana Giuseppe

IRCCS ISMETT - Palermo

Caruso Marcello

Assessore alla Salute Regione Sicilia

Cona Andrea

IRCCS ISMETT – Palermo; UPMC

Conaldi Pier Giulio

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D’Amore Antonio

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