



SERVIZIO SANITARIO REGIONALE  
EMILIA-ROMAGNA

Istituto Scientifico Romagnolo per lo Studio e la Cura dei Tumori  
Istituto di Ricovero e Cura a Carattere Scientifico

ISTITUTO  
SCIENTIFICO  
ROMAGNOLO  
PER LO STUDIO E LA CURA  
DEI TUMORI

With Patronage of



# 1<sup>ST</sup> IMMUNOREPERTOIRE AND BIOLOGICS DEVELOPMENT CONFERENCE HYBRID EVENT

**JUNE 18th-19th 2026**

**IRST IRCCS**

**"Dino Amadori", Meldola**

**Scientific Coordinator**

**Massimiliano Mazza**

**Scientific Committee**

**Patricia Borges de Souza**

**Miriana Ghirelli**

**Massimiliano Mazza**

**Lucia Mazzotti**

**Fabio Nicolini**

**Organizing  
Secretariat**



# FACULTY

**Adejumo Thomas - Diatech Pharmacogenetics**

**Amoriello Roberta - Università di Firenze, Florence, Italy**

**Benati Daniela - Università di Modena e Reggio Emilia, Modena, Italy**

**Bonini Chiara - Ospedale San Raffaele, Milan, Italy**

**Borges de Souza Patricia - IRST IRCCS "DINO AMADORI", Meldola, Italy**

**Bourquard Thomas - MabSILICO, Tours, France**

**Cattaneo Chiara Maria - IRCCS Istituto Clinico Humanitas, Milan, Italy**

**Chenchik Alex - President and chief scientific officer of Collecta**

**Criscuoli Mattia - Field Application Specialist - Genomics, Bio-Rad Laboratories**

**Croce Giancarlo - Ludwig Institute University of Lausanne, Lausanne, Swiss**

**Facciotti Federica - Università di Milano Bicocca, Milan, Italy**

**Ghirelli Miriana - IRST IRCCS "DINO AMADORI", Meldola, Italy**

**Gullà Stefano - Kling Biotherapeutics, Amsterdam, Netherlands**

**Lion Eva - University of Antwerp, Antwerp, Belgium**

**Mazza Massimiliano - IRST IRCCS "DINO AMADORI", Meldola, Italy**

**Mazza Tommaso - Fondazione Policlinico Universitario A. Gemelli IRCCS, Rome, Italy**

**Mazzotti Lucia - IRST IRCCS "DINO AMADORI", Meldola, Italy**

**Medini Duccio - Fondazione Toscana Life Sciences, Siena, Italy**

**Meysman Pieter - University of Antwerp, Antwerp, Belgium**

**Nicolini Fabio - IRST IRCCS "DINO AMADORI", Meldola, Italy**

**Notarbartolo Samuele - Link Campus University, Novedrate (CO) / Fondazione Ca' Granda Ospedale Maggiore, Milan, Italy**

**Pasetto Anna - Oslo University Hospital, Oslo, Norway**

**Poslavsky Stanislav - MiLaboratories, Bilbao, Spain**

**Rinaldi Fabrizio - Sales Specialist Italy, Western & Cellular Analysis, R&D Systems by Biotechne**

**Robins Harlan - Adaptive Biotechnologies, Seattle, Washington, Stati Uniti**

**Rosati Scalchi Elisa - GSK, Rixensart, Belgium**

**Roscilli Giuseppe - Takis Biotech, Rome, Italy**

**Terragna Carolina - Policlinico Sant'Orsola-Malpighi, Istituto di Ematologia "L.A.Seràgnoli", Bologna, Italy**

**Tradori Andrea - Regional Sales Specialist, Cell Biology, Bio-Rad Laboratories**

# SCIENTIFIC PROGRAM

## DAY 1

**13:15** Opening remarks from the organising committee and institutions

### **Session I: TCR Repertoire and TCR-Based Therapeutics**

**Chairs:**

**Federica Facciotti**

**Lucia Mazzotti**

**13:30** Opening Session Lecture

**Chiara Bonini**

**Genome editing of T cells for cancer immunotherapy**

**14:00** **Federica Facciotti**

**Off-the-Shelf Therapeutic Potential of Unconventional T Cell Subsets**

**14:30** **Anna Pasetto**

**Finding Needles in the Haystack: Discovery of Neoantigen-Specific TCRs**

**15:00** **Eva Lion**

**Specific TCRs to Target Acute Myeloid Leukemia**

**15:30** **Coffee Break**

**16:00** **Samuele Notarbartolo**

**Single-Cell and Clonal Insights into the Molecular Circuits Governing Human Memory CD8<sup>+</sup> T-Cell Differentiation**

**16:30** **Alex Chenchik**

**Next-Generation Immune Receptor Profiling: Discovering and Tracking Antigen-Driven Clonotypes**

**17:00** **Daniela Benati**

**Advancing TCR Engineering with CRISPR: Non-Viral Approaches for MAGE-A1<sup>+</sup> Melanoma**

**17:30** **Chiara Maria Cattaneo**

**Paving the way to precision immunoncology: advancing cell therapies for solid tumors**

**18:15** **Meldola Castle Guided Tour**

**20:00** **Conference Dinner**

**Participants will gather at the historic Meldola Fortress, offering a unique cultural setting for dinner, informal discussion, and networking.**

# SCIENTIFIC PROGRAM

## DAY 2

08:00 Welcome Coffee

### Session II: Bioinformatics and Computational Immunology

Chairs

Pieter Meysman

Patricia Borges de Souza

08:30 Opening Session Lecture

Pieter Meysman

Using artificial intelligence to identify health and disease-specific patterns in T-cell receptor repertoires

09:00 Thomas Bourquard

Leveraging AI to decode BCR Repertoires for Disease-Agnostic Theranostic Discovery

09:30 Elisa Rosati Scalchi

From Immune Repertoires to Real-World Applications: TCR-Driven Innovation in Discovery and Clinical Translation

10:00 Stanislav Poslavsky

TBD

10:30 Coffee Break

11:00 Roberta Amoriello

Approaching TCR repertoire diversity in autoimmunity: from experiment to computation

11:30 Duccio Medini

A Universal AI Design Framework and Brokerage Platform for Democratized Manufacturing of mRNA Therapeutics

12:00 Giancarlo Croce

Swiss Phage Display Enables Machine Learning Discovery of Cancer Antigen-Specific TCRs

12:30 Tommaso Mazza

Computational Approaches to Optimize Immune Receptor Interactions in Cancer Therapy

13:00 Light Lunch

Sponsor Break Talk session

Chairs

Massimiliano Mazza

Fabio Nicolini

14:00 Sponsor Break Talk BioRad -

Mattia Criscuoli, Andrea Tradori  
Methodological Strategies for T-Cell Analysis in Cancer

14:20 Sponsor Break Talk Diatech -

Thomas Adejumo  
Decoding Cellular Function: Next-Gen Antibody and Immunotherapy through Real-time Profiling on the Beacon Discovery

14:40 Sponsor Break Talk Miltenyi

Biotec

Sensitive detection and isolation of HCMV-specific T cells in the context of stem cell transplantation using MHC multimers

15:00 Sponsor Break Talk Biotechne -

Fabrizio Rinaldi

Analytical instruments to accelerate your CGT discoveries

# SCIENTIFIC PROGRAM

## **Session III: BCR Repertoire and Antibody-Based Therapeutics**

**Chairs**

**Duccio Medini**

**Massimiliano Mazza**

**15:20 Opening Session Lecture**

**Carolina Terragna**

**ClonoSEQ: Clinical Applications and Perspectives**

**15:50 Stefano Gullà**

**Tumor derived B cells as source of therapeutic antibodies and tumor associated targets**

**16:20 Coffee Break**

**16:50 Giuseppe Roscilli**

**From Antibody Discovery to Engineered Biologics: Translating Immune Recognition into Cancer Therapeutics**

**17:20 Harlan Robins**

**Large scale training data for antigen receptor binding and advancement of ML models**

**17:50 Concluding remarks & conference in numbers**

## REGISTRATION FOR IN-PERSON

### PARTICIPATION:

**IN-PERSON PARTICIPATION FEE FOR BOTH EVENT DAYS (JUNE 18/19): € 35.00**

## REGISTRATION FOR ONLINE

### PARTICIPATION:

**REMOTE PARTICIPATION FEE FOR BOTH EVENT DAYS (JUNE 18/19): € 25.00**

Transfer to be made to

**IBAN:IT22K0306978634100000010031 in the name of PROEVENTI SRL.**

**Causal: Event registration "1st IMMUNOPERTOIRE AND BIOLOGICS DEVELOPMENT CONFERENCE".**

**Please send an accounting copy to: [info@proeventi.it](mailto:info@proeventi.it) specifying whether the participation will be in person or online.**

## CALL FOR ABSTRACTS

**The best abstracts will be selected by the scientific committee and will receive a special discount for publication in the Research Topic "[New avenues for the development of advanced immunotherapies: capitalizing on studies of the B and T cell receptor repertoire - Volume II,](#)" published by Frontiers in Immunology.**

**Submit to: <https://forms.gle/65RDuP1IT83JPcea7>**

**DEADLINE: June 4th**

## PROMOTED BY

**IRST IRCCS MELDOLA "Dino Amadori"  
UFFICIO FORMAZIONE:  
[ufficio.formazione@irst.emr.it](mailto:ufficio.formazione@irst.emr.it)**

## REGISTRATION

**1. Download the PROEVENTI APP on your smartphone**



**2. Create your account with your credentials or log in if already signed up**

**3. Insert the event pin: IMMUNO26**

**4. You are now on the event page, click on REGISTRATION at the top left**

**5. Click on SUBSCRIBE HERE**

## CERTIFICATE OF PARTICIPATION

**At the end of the event, you will be able to download the participation certificates directly from PROEVENTI APP in the CME section.**

**Organizing  
Secretariat**



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[info@proeventi.it](mailto:info@proeventi.it)

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istituto  
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vicino a chi soffre,  
insieme a chi cura



Miltenyi Biotec

The logo for Promega, featuring a stylized black and white circular icon to the left of the word "Promega" in a bold, black, sans-serif font.

Promega

TEMA  
RICERCA

A graphic element below the TEMA logo consisting of several orange, star-like shapes arranged in a horizontal line.