XXIII NIBIT MEETING

TRENTO

October
14-16, 2026

NIBIT BOARD

Paolo Ascierto, Napoli - IT
Matteo Bellone, Milano – IT
Vincenzo Bronte, Padova - IT
Giulia Casorati, Milano - IT
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Antonio Sica, Milano - IT

NIBIT JUNIOR FACULTY

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Roberto Ferrara, Milano - IT
Roberta Sommaggio, Padova - IT
Sheila Spada, Roma - IT
Marcella Tazzari, Meldola - IT

FACULTY

Moran Amit
University of Texas MD Anderson Cancer Center, Houston, TX, USA

Ido Amit
Weizmann Institute of Science, Rehovot, Israel

Vinod Balachandran
Memorial Sloan Kettering Cancer Center, New York, NY, USA

Christoph Bock
CeMM & Medical University of Vienna, Austria

Mirea Crispin
University of Cambridge, UK

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Università degli Studi di Trento, Italy

Francesca Fallarino
Università degli Studi di Perugia, Italy

Wolf Fridman
University of Paris/Cordeliers Research Centre, Paris, France

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Harvard University, Boston, MD, USA

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Humanitas Research Hospital, Milan, Italy

Andrea Lunardi
Università degli Studi di Trento, Italy

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Università degli Studi di Torino, Italy

Michele Milella
Università degli Studi di Verona, Italy

Maria Rescigno
Humanitas University, Milano, Italy

Vincenzo Russo
IRCCS Ospedale San Raffaele Milano, Italy

Sabina Sangaletti
Fondazione Istituto Nazionale dei Tumori, Milan, Italy

Nicola Segata
Università degli Studi di Trento, Italy

Samra Turajlic
Cancer Research UK Manchester Institute, UK

Denis Wirtz
Johns Hopkins University, Baltimore, PA, USA

Roberta Zappasodi
Weill Cornell Medicine, NY, USA

12:00 Registrations

14:00 Welcome addresses

SESSION 1. MYELOID CELLS IN CANCER

Chairs: R. Ferrara, A. Sica

14:20 Sabina Sangaletti
Shaping myeloid cell fate:
Bone marrow training in lung cancer-adapted myelopoiesis

Oral Presentations

14:40 Greta Meregalli
IRCCS Humanitas Research Hospital, Rozzano (Mi), Italy
Restoration of TFEB program in lipid-TAMs prevents the acquisition of pro-fibrotic program and potentiates immunotherapy efficacy

14:50 Luigi Nezi
Istituto Europeo di Oncologia, Milano, Italy
Lipid-imprinted neutrophils drive colorectal cancer progression through PPARG suppressi

15:00 Alessia Calabrò
University of Messina, Italy
DC3s accumulate in human CRC and co-localize with GM-CSF^{+} HLA-DR^{+} Iti-like ILC3s in tumor-associated TLSs

15:10 Francesca Fallarino
Shaping tolerogenic trajectories in myeloid cells through extracellular vesicles and immunometabolic networks

15:30 General discussion

SESSION 2. IMMUNOMETABOLISM

Chairs: M. Milella, M. Rescigno

16:00 Teresa Manzo
Lipid-Based Control of Anti-Tumor Immunity

16:20 *Oral Presentation*
Marina Benitez-Ramos
University of Trento, Italy
Uncovering novel intracellular and extracellular regulation that drive TIGIT expression in natural killer cells

16:30 Vincenzo Russo
Metabolic interference in cancer immunotherapy

16:50 *Oral Presentations*
Alessandra Pinzon Grimaldos
Sapienza University of Rome, Italy
CD71-dependent iron metabolism in ROR$^{\Gamma}$t^{+} tregs shapes intestinal homeostasis and tumor immunity

17:00 Antonella Iacoviello
University of Torino, Italy
xCT promotes metastatic progression and shapes tumor–immune interactions in breast cancer

17:10 Roberta Zappasodi
Tumor metabolic control of anti-tumor immunity

17:30 General Discussion

18:15 Poster Walk

19:00 Welcome Reception

SESSION 3. AI AND COMPUTATIONAL ONCOLOGY

Chairs: M. Benelli, A. Prelaj

9:00 Mirea Crispin
Data integration along the cancer continuum

Oral Presentations

9:20 Arianna Rigamonti
Fondazione IRCCS Istituto Nazionale dei Tumori, Milano, Italy
Circulating and tumor immune correlates of survival identified by multi-omic clustering in pembrolizumab-treated PD-L1-LOW NSCLC (PEOPLE trial, NCT03447678)

9.30 Nicla Porciello
IRCCS Regina Elena National Cancer Institute, Rome, Italy
AI-assisted pathology and spatial proteomics to uncover immune determinants of response to neoadjuvant chemo-immunotherapy in NSCLC

9:50 Francesca Demichelis
Plasma EV RNA and cancer patients' tumor microenvironment

10:10 General discussion

10:30 Coffee break

SESSION 4. NEURO-ONCO IMMUNOLOGY

Chairs: L. D'Ambrosio, A. Lunardi

11:00 Moran Amit
Wired for Resistance-Neuroimmune Interactions in the TME that Drive Resistance to Immunotherapy

Oral Presentations

11:20 Andrea Galluzzo
Fondazione IRCCS Istituto Neurologico Carlo Besta, Milano, Italy
Overcoming glioblastoma immunosuppression by targeting potassium signaling with KV1.3-engineered B7-H3 CAR-T cells

11.30 Mariam Shallak
University of Lausanne, Ludwig Cancer Research Center, , Switzerland
CIITA-mediated MHC-II expression in glioblastoma unveil MHC-II-bound tumor-associated peptides for protective anti-tumor vaccination

11:50 Wolf Fridman
Neuro-cancer mimicry:
GABA modulates tumor immunity and impairs response to immunotherapy

12:10 General discussion

12.30 Ido Amit
Leveraging Single-Cell Technologies to Engineer the Immune System

12:50 Lunch and poster walk

News from the Industry – Non CME Session

13:45 BD Biosciences
Relationship between CAR spatial organization and CAR-T cell function revealed by imaging flow cytometry and transcriptomic profiling
Gianluca Rotta

14.00 Diatech Lab Line
Charting the Spatial Transcriptome Frontier in Cancer Research with Bruker CosMx® technology
Cristopher Koenig

14.15 Miltenyi Biotec
Deciphering the Spatial Architecture of Glioblastoma to Guide TIL-Based Immunotherapy
Serena Pellegatta, Istituto Neurologico Carlo Besta, Milano, Italy

Pezcoller Keynote Lecture
Chair: M. P. Colombo

14.30 Enzo Galligioni - *The Pezcoller Foundation*

14.40 Vinod Balachandran
Cold Yet Vaccinable? Vaccines for Pancreatic Cancer

SESSION 5. SOLVING THREE-DIMENSIONAL INTERACTIONS IN THE TUMOR MICROENVIRONMENT

Chairs: B. Belmonte, P. Nisticò

15:30 William Hwang
Spatial dissection of multicellular interactions in the pancreatic tumor microenvironment

Oral Presentations

15:50 Lorenzo Valenti
IRCCS Regina Elena National Cancer Institute, Rome, Italy
The hMENA-LOX axis links extracellular matrix remodelling to immune regulation in NSCLC

16.00 Giuseppina Arbore
Università Vita-Salute San Raffaele, Milan, Italy
The spatial immune architecture of esophageal adenocarcinoma predicts response to neoadjuvant chemotherapy

16.10 Anna Tosi
University of Padova, Italy
Context-dependent immune-stromal landscapes drive neoadjuvant chemotherapy resistance in early triple-negative breast cancer

16:20 Denis Wirtz
3D mapping of solid tumors and new CAR-T therapies to resolve them

16:40 General discussion

17:10 Coffee break

Parmiani Keynote Lecture

Chair: V. Bronte

17:30 Samra Turajlic
Unravelling the Mysteries of Kidney Cancer A Journey from Genetics to Immunology

18:30 Adjourn
Nibit General Assembly

20.30 **Social Dinner**
Ristorante Birreria Forsterbräu Trento

SESSION 6. T AND B CELLS IN CANCER

Chairs: G. Casorati, M. Tazzari

08:30 Christoph Bock
Programmed Cells? Single-cell Biology and Cell Engineering for Immunity andCancer

Oral Presentations

08:50 Francesco Iannucci
Vita-Salute San Raffaele University, Milano, Italy
Tissue architecture imposes a line1-driven CD8⁺ T cell dysfunction program in liver cancer and chronic hepatitis B

09:00 Giorgia Sartori
Sapienza University of Rome, Italy
CD4 T cell-intrinsic roles of BRCA1 haploinsufficiency: implications for immune response and immunotherapy in triple-negative breast cancer

09:10 Ivan Civettini
Università Vita-Salute San Raffaele, Milano, Italy
CD1c-restricted TCR combined with CD38-CCR enables potent dual-targeting immunotherapy in acute leukemia

09:20 Enrico Lugli
Reinvigorating T cell function against solid tumors

09:40 General discussion

10:00 Coffee break

SESSION 7. MICROBIOTA

Chairs: M. Bellone, S. Spada

10:30 Maria Rescigno
The microbiota in cancer treatment efficacy

Oral Presentations

10:50 Anna Policastro
IRCCS Ospedale San Raffaele, Milano, Italy
Leveraging a high-fiber diet to intercept smoldering multiple myeloma progression and enhance early immunotherapy efficacy

11:00	Camilla Marchigiani *IRCCS Ospedale San Raffaele, Milano, Italy* Gut microbiota and immune remodeling identify early progressing smoldering multiple myeloma
11:10	Marco De Giovanni *IRCCS Ospedale San Raffaele, Milano, Italy* Regionalized immune programs define peyer's patches along the small intestine
11:20	Nicola Segata **Metagenomics of the human microbiome: potential applications in oncology**
11:50	General discussion
12:00	NIBIT Awards Nominations
12:30	Adjourn

UNDER THE AUSPECIES

Agorà
Biomedical Sciences

FONDAZIONE
PEZCOLLER
ENTE FILANTROPICO
PER LA RICERCA SUL CANCRO

Fondazione
Grazia Focacci

ASSOCIAZIONE
MeLa Gioco
ONLUS

SIICA
Società Italiana di Immunologia
Immunologia Clinica e Allergologia

AIRC

Aiom
ASSOCIAZIONE
ITALIANA
ONCOLOGIA
MEDICA

ACKNOWLEDGEMENTS

VENUE

Grand Hotel Trento****
Piazza Dante 20
Trento

REGISTRATION FEES

Category	Early Bird Registration Closing at 23:59 on July 15	Regular Registration
NIBIT*/AIOM member* over 35	€ 220,00 VAT included	€ 250,00 VAT included
NIBIT*/AIOM member* under 35	€ 120,00 VAT included	€ 150,00 VAT included
NIBIT*/AIOM member* Post Doc	€ 120,00 VAT included	€ 150,00 VAT included
NIBIT*/AIOM member* PhD Student*	€ 120,00 VAT included	€ 150,00 VAT included
NIBIT*/AIOM member* Resident	€ 120,00 VAT included	€ 150,00 VAT included
Non member (all categories)**	€ 320,00 VAT included	€ 350,00 VAT included
Undergraduate student	Free of charge	
Social dinner	€ 50,00 VAT included	

*NIBIT member with settled payment of membership fee for 2025 and 2026
**Membership fee for 2026 is €50; to become a member please fill in the form here

C.M.E. ACCREDITATION

Provider: Achelois Srl – ID 7362

The Congress was granted 15 C.M.E. credits from the Italian Ministry of Health for the following specialties:

Physicians specialized in allergology and clinical immunology, pathological anatomy,clinical biochemistry, dermatology and venerology, hematology, oncology.
Biologists.

Obiettivo formativo: Contenuti tecnico-professionali (conoscenze e competenze) specifici di ciascuna professione, di ciascuna specializzazione e di ciascuna attività ultra specialistica, ivi incluse le malattie rare e la medicina di genere (18)

HOW TO BECOME A NIBIT MEMBER

Becoming a NIBIT member is easy. Download the membership application form from www.nibit.org, fill it out completely, and send it via email t o segreteria@nibit.org, attaching a copy of the bank transfer receipt.

You can become an ordinary NIBIT member with an annual fee of € 50,00

ORGANISING SECRETARIAT

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