

PRELIMINARY
SCIENTIFIC PROGRAM

XX NIBIT ANNUAL MEETING

Translating knowledge into the clinic

Padova, October 13-15, 2022



www.nibit.org

UNDER THE AUSPICES



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12.00	REGISTRATION OPENS
13.15	WELCOME ADDRESSES
SESSION 1.	INTEGRATING OMICS IN THE PRACTICE OF DIAGNOSTIC PATHOLOGY (NIBIT-SIAPEC JOINT SESSION) DISCUSSANTS: CLAUDIO TRIPODO, ANTONIO ROSATO
13.30	EDUCATIONAL Claudio Tripodo (Palermo, Italy)
13.55	The virtual molecular tumor board as a tool for integrating omics in the delivery of precision oncology Carlo B. Bifulco (Oregon City, USA)
14.20	Spatial transcriptomics reveals the impact of B cells and antibodies in response to immunotherapy Wolf- Herman Fridman (Paris, France)
14.45	Liquid Biopsy in Solid Tumors Umberto Malapelle, (Napoli, Italy)
15.10	3 selected abstracts
15.40	NEWS FROM THE COMPANIES (NON-CME) Spatial Whole Transcriptome and single-cell high-plex imaging: Quantum leaps forward in studying cancer Rudy van Eijsden (Seattle, USA)
15.55	End of session 1
15.55-16.10	COFFEE BREAK

**SESSION 2. ADVANCES IN PERSONALIZED MEDICINE
(NIBIT-ACC JOINT SESSION)**

DISCUSSANTS: VINCENZO BRONTE, RUGGERO DE MARIA, PAOLA NISTICÒ

16.10	Exploiting immune surveillance to target colorectal cancer evolution and mutability Alberto Bardelli (Torino)
16.35	Single-cell profiling the tumor microenvironment during checkpoint immunotherapy Dieter Lambrechts (Leuven, Belgium)
17.00	Immunoepitidomics for development of personalized cancer immunotherapy Michal Bassani-Sternberg, (Lausanne, Switzerland)
17.25	Expanding the immunotherapy toolbox for the treatment of colorectal cancers Noel de Miranda (Leiden, The Netherlands)
17.50	2 selected abstracts
18.10	NEWS FROM THE COMPANIES (NON-CME) No two people are alike, and no two cancers are the same: developing neoepitope-based personalized immunotherapy in metastatic melanoma Agon Hyseni – EVAXION (Horsholm, Denmark)
18.25	End of Session 2
18.30	NIBIT GENERAL ASSEMBLY
	End of session WELCOME WINE & CHEESE AT CAFFÈ PEDROCCHI

09.30	WELCOME COFFEE
SESSION 3. CANCER DORMANCY, METABOLISM AND METASTASIS (NIBIT-SIC JOINT SESSION) DISCUSSANTS: PAOLA ALLAVENA, MARINA GARASSINO	
10.00	EDUCATIONAL: Tumor metabolic deregulation and tumor progression: a diabolic liaison Paola Chiarugi (Firenze, Italy)
10.25	Immunity in context: tissue-specific innate immune barriers to metastasis Ana Luisa Correia (Lisbon, Portugal)
10.50	TBD Licia Rivoltini (Milano, Italy)
11.15	Mitochondrial dynamics guides T cell anti-tumor responses Ping-Chih Ho (Lausanne, Switzerland)
11.40	3 selected abstracts
12.10	NEWS FROM THE COMPANIES (NON-CME) Engineered Exosome therapeutics for selectively targeting tumor associated myeloid cells Sriram Sathy (Cambridge, USA)
12.25	End of Session 3
GIORGIO PARMIANI YOUNG INVESTIGATOR KEYNOTE LECTURE CHAIRMAN: VINCENZO RUSSO	
12.25	Leukemia immune escape after hematopoietic cell transplantation: from biology to precision medicine Luca Aldo Edoardo Vago (Milano, Italy)
13.15-14.00	LUNCH & POSTER WALK
SESSION 4. THE TUMOR MICROENVIRONMENT: TUMOR CELLS EXTRINSIC TARGETS AND RESISTANCE (NIBIT- SIICA JOINT SESSION) DISCUSSANTS: MATTEO BELLONE, MARCO A. CASSATELLA, ANTONIO SICA	
14.00	EDUCATIONAL: Tumour-associated myeloid cells: The Good, the Bad and the Ugly! Toby Lawrence (London, UK)
14.25	Cell plasticity in colorectal cancer Florian Greten (Frankfurt, Germany)
14.50	Mechano-metabolic control of chemotherapy resistance in dormant metastatic breast cancer cells Sirio Dupont (Padova, Italy)
15.15	Engineering enhanced anti-tumor effector functions in iNKT cells Paolo Dellabona (Milano, Italy)
15.40	Immunoregulatory functions of the myeloid MS4A proteins Massimo Locati (Milano, Italy)

16.05	Invited Abstract: NK cell regulation by TGF-beta and IL-18, “more than a TH1 cytokine” Roberta Castriconi (Genova, Italy))
16.20	1 selected abstract
16.30	End of Session 4
16.30-17.00	COFFEE BREAK
PEZCOLLER KEYNOTE LECTURE CHAIRMAN: MARIO PAOLO COLOMBO	
17.00	The Pezcoller Foundation Enzo Galligioni (Trento, Italy)
17.10	Mechanism and therapeutic targeting of the immunosuppressive tumor microenvironment Douglas Hanahan (Lausanne, Switzerland)
18.00	ADJOURN
20.00	SOCIAL DINNER

SESSION 5. ADOPTIVE T CELL-BASED IMMUNOTHERAPY

DISCUSSANTS: GIULIA CASORATI, ANNA MONDINO, CATHERINE SAUTES-FRIDMAN

09.00	EDUCATIONAL: Achievements and hurdles of TCR/CAR-T cell therapy Concetta Quintarelli (Roma, Italy)
09.25	RASA2 checkpoint ablation in human T cells boosts antigen sensitivity and long-term function Eric Shifrut (Tel Aviv, Israel)
09.50	Targeting glycosylation to improve CAR-T cell reactivity Monica Casucci (Milano, Italy)
10.15	Engineering multi-targeting and costimulation to safely enhance CAR T cell activation Maria Themeli (Amsterdam, The Netherlands)
10.40	3 selected abstracts
11.10	End of Session 5
11.10-11.40	COFFEE BREAK & POSTER WALK

SESSION 6. TRANSLATING BASIC SCIENCE INTO THE CLINIC (NIBIT-AIOM JOINT SESSION)

DISCUSSANTS: PAOLO ASCIERTO, SAVERIO CINIERI, PIER FRANCESCO FERRUCCI

11.40	EDUCATIONAL: Immunotherapy in Early Breast Cancer Giuseppe Curigliano (Milano, Italy)
12.05	The role of immunotherapy in triple negative breast cancer Pierfranco Conte (Padova, Italy)
12.30	Reprogramming tumor-altered myeloid compartment with novel nanoparticles: results from a “Windows of Opportunity” trial in patients with breast cancer Circe Mesa (L'Avana, Cuba)
12.55	Learning from the human microbiome how to implement immune oncology Luigi Nezi (Milano, Italy)
12.20	3 selected abstracts
13.50	End of Session 6
13.50-14.00	NIBIT AWARDS
14.00	CONCLUSION REMARKS, SNACK LUNCH AND ADJOURN

CALL FOR ABSTRACT

All participants are encouraged to submit an abstract in English, following the guidelines included in the template published on the official website

https://www.nibit.org/congress/abstract_nibit.php

The Scientific Committee will analyze all papers and confirm the acceptance to each submitter as oral or poster presentation.

DEADLINES FOR ABSTRACT SUBMISSION AND REGISTRATIONS

- Abstracts should be submitted to the e-mail address alice.trovato@achelois.eu by **September 20th, 2022**. **Abstracts submitted by fax will not be accepted.**
- Abstracts will be reviewed by the Scientific Committee and acceptance will be confirmed, together with all details for presenting your work, by **September 30th, 2022**
- The presenting author of an accepted abstract must register by **October 3rd, 2022**.

Registration is mandatory.

COMPETITION AND PRIZE

Applicants <40 years of age with an abstract accepted by the Scientific Committee will be considered for the “NIBIT BASIC SCIENCE AWARD” (€ 1.000,00) and for the “NIBIT TRANSLATIONAL SCIENCE AWARD” (€ 1.000,00) and for “NIBIT CLINICAL SCIENCE AWARD” (€ 1.000,00) offered by Fondazione Grazia Focacci.

Applicants <40 years of age with an abstract on melanoma accepted by the Scientific Committee will be considered for two prizes “Best Abstract on Melanoma” (€ 1.000,00 each) offered by Associazione MeLa Gioco.

USEFUL INFORMATION

VENUE

OCTOBER 13, 2022

Università degli Studi di Padova

Palazzo Bo
Via 8 Febbraio, 2
35122 Padova

OCTOBER 14-15, 2022

Orto botanico

Università degli Studi di Padova
Via Orto Botanico, 15
35123 Padova

Please access the following link to register to the conference

<http://achelois.onlinecongress.it/NIBITMeeting2022>

REGISTRATION FEES

Participant OVER 35	€ 200,00 VAT included
Participant UNDER 35	€ 100,00 VAT included
Post – Doc	€ 100,00 VAT included
PhD Student	€ 100,00 VAT included
Resident	€ 100,00 VAT included
Undergraduate Student	free of charge

Registration fee includes:

- NIBIT membership for 2022
- Congress Registration
- Social Dinner

Students who registered to the conference and would like to attend the Social Dinner should pay the amount of € 40,00

SOCIAL DINNER

The Social Dinner will be held on October 14, 2022 at Villa Molin - <https://villamolinpadova.com>

While registering, please confirm your wish to attend or not

A bus transfer will be provided for all attendees – more detailed information will be provided closer to the meeting date.

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, general surgery, toracic surgery, palliative care, dermatology and venerology, hematology, general practice medicine, internal medicine, oncology, radiotherapy. **Biologists. Biomedical laboratory technician.**

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