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INTERNATIONAL SUMMER SCHOOL ON IMMUNO ONCOLOGY 2nd edition

Under the patronage of







VERBANIA

14-17 September 2022 Villa San Remigio

Università del Piemonte Orientale





Course Objectives

The "Summer School of Immuno-Oncology - 2nd edition" aims to discuss knowledge and recent advances in the field of cancer immunotherapy. A panel of national and international lecturers will cover various aspects of preclinical and clinical immuno-oncology, ranging from the study of basic pathogenetic mechanisms for the discovery of new immunotherapeutic targets to more clinical aspects related to the effectiveness of combinatorial approaches in boosting cancer immunotherapy.

The school will provide young oncologists, PhDs and PhD students involved in clinical and research projects related to cancer immunotherapy with a solid background in novel immuno-oncology topics and through advanced analysis of preclinical and clinical data.

The goal is to discuss the current state of knowledge in the field of cancer immunotherapy from an interdisciplinary and translational "bench-to-bedside" standpoint.



Wednesday September 14

14.00 Opening addressGian Carlo Avanzi, Marco Krengli

Introduction to the school and program presentation

Marisa Gariglio, Alessandra Gennari, Antonia Follenzi, Antonio Sica

14.20 Opening lecture: Gianluca Gaidano
Chairs: Gian Carlo Avanzi, Antonio Sica

15.00 Immunotherapy in the clinic

Chairs: Alessandra Gennari, Pierfranco Conte

- Innovative IO in solid tumors: what's next? Giuseppe Curigliano
- 10 & Lung cancer Silvia Novello

16.00 Coffee break

16.20

- Update on (chemo)radiotherapy-immunotherapy combinations for stage 3 NSCLC Andrea Filippi
- IO & Genitourinary tumors Camillo Porta
- IO & Liver cancer **David James Pinato**
- Evolving paradigm in breast cancer: from target agents to IO
 Valentina Guarneri

18.00 Discussion

18.30 End of the session



Thursday September 15

09.00	Immune	compo	nents	of	TME
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Chairs: Annalisa Chiocchetti, Antonio Sica

- TAMs ad TME Paola Allavena
- Plasticity of Neutrophils in cancer Sebastian Jaillon
- Human T cells engineered with a leukemia lipid-specific TCR enables donor-unrestricted recognition of CD1c-expressing leukemia
 Giulia Casorati
- 10.30 Discussion
- 11.00 Coffee break
- 11.20 Abstract young researcher
- 12.30 Lecture: TBD
- 12.45 Lunch

14.00 Therapeutic remodeling of TME

Chairs: Lia Rimondini, Umberto Dianzani

- Tumor stroma: fibroblasts, mesenchymal stromal cells, osteoblasts and chondrocytes, and the extracellular matrix Mario Colombo
- Heterocellular OSM-OSMR signalling reprograms fibroblasts to promote pancreatic cancer growth and metastasis. Claus Jørgensen
- Anti-inflammatory drugs remodel the tumor immune environment to enhance immune checkpoint blockade efficacy. Santiago Zelenay
- 16.00 Coffee break
- **16.20** Abstract young researcher
- **18.00** End of the session



Friday September 16

09.00	New approaches for T-cell immunotherapy Chairs: Antonia Follenzi, Chiara Bonini CAR-redirected Cellular Immunotherapy in solid tumors: rationale bases and clinical perspectives Dario Sangiolo T-cell genome editing for cancer immunotherapy Chiara Bonini
10.00	Discussion
10.30	Coffee break
10.50	Cellular and molecular determinants of IO response Chairs: Ciro Isidoro, Claudio Santoro • The Role of cancer stem cells in drug resistance and recurrence Massimo Dominici • Immunophenotyping and treatment outcome in melanoma patients Mario Mandalà
12:00	Abstract young researcher
13.00	Lunch
14.00	 Understanding SARS-CoV-2 pathogenic mechanisms to unveil novel therapeutic targets Chairs: Marisa Gariglio, Marco De Andrea Lipid metabolism as a novel host target to inhibit SARS-CoV-2 replication Mauro Pistello Humoral pattern recognition molecules and SARS-CoV-2 Cecilia Garlanda Upper respiratory tract and respiratory viruses: what did we learn from SARS-CoV-2 infection? Nicasio Mancini
16.00	Discussion
16.30	Coffee break
16.50	Abstract young researcher

18.00

End of the session





Saturday September 17

09.00

Chairs: Pierluigi Canonico, Mauro Botta

- Metabolomics to assess response to immune checkpoint inhibitors
 Claudio Luchinat
- Regulatory Process and Clinical Benefit TBD
- Cell therapy in hematology Marco Ladetto
- 10.30 Coffee break
- 10.50 Closing Lecture

Chairs: Renzo Boldorini, Marco Krengli

IO Predictors of response from bench to bedside Giuseppe Viale

- 11.30 Best young researcher abstract award and presentation
- 12.30 Conclusions and Adjournement:

Antonia Follenzi, Marisa Gariglio, Alessandra Gennari, Antonio Sica



INVITED FACULTY

Paola **Allavena** *Milano*

Gian Carlo **Avanzi** Novara

Renzo **Boldorini** Novara

Chiara **Bonini** *Milano*

Mauro **Botta** *Novara*

Pierluigi Canonico Novara

Giulia Casorati Milano

Annalisa Chiocchetti Novara

Mario Colombo Milano

Pierfranco Conte Padova

Giuseppe **Curigliano** *Milano*

Marco **De Andrea** Torino

Umberto **Dianzani** Novara

Massimo **Di Maio** *Torino*

Massimo **Dominici** *Modena*

Andrea Filippi Pavia

Antonia Follenzi Novara

Gianluca **Gaidano** Novara

Marisa Gariglio Novara

Cecilia **Garlanda** Milano

Alessandra **Gennari** Novara

Valentina **Guarneri** Padova

Ciro **Isidoro** Novara

Sebastian **Jaillon** *Milano*

Claus Jørgensen Manchester

Marco **Ladetto** Alessandria

Claudio Luchinat Firenze

Marco Krengli Novara

Nicasio Mancini Milano

Mario **Mandalà** Perugia

Silvia **Novello** *Torino*

David **Pinato** Novara

Mauro **Pistello** Pisa

Camillo **Porta** Bari

Lia Rimondini Novara

Dario Sangiolo Candiolo

Claudio **Santoro** Novara

Antonio **Sica** Novara

Giuseppe Viale Milano

Santiago **Zelanay** *Manchester*



Addressed to

40 attendees: Physicians and Resident doctors in Oncology, Clinical immunology and Allergology, Hematology, Microbiology and Virology, Radiotherapy; Biologists, Pharmacists, but also PhD students, students and graduates of the degree programme in Pharmaceutical Chemistry and Technology and Biotechnology.

Registration fees (VAT included)

 € 300,00 In-class course
 € 200,00 In-class course for UPO Staff & Students
 € 100,00 Online live webinar (no CME)

Full information and registration on www.symposiacongressi.com/issio2022

CourseVenue

Villa San Remigio Università del Piemonte Orientale Via San Remigio 20 - 28922 Verbania

Organizing Secretariat and CME Provider



Symposia Organizzazione Congressi Srl Provider accreditato Age.Na.S. N. 486 Piazza Campetto, 2/8 - 16123 Genova tel. 010 255146 symposia@symposiacongressi.com www.symposiacongressi.com

CME In-Class Course

Based on the in force regulations approved by the CNFC, Symposia Organizzazione Congressi Srl (provider n. 486) will assign to the activity CME (486-**355705**): **24** CME points.

Training objective: professional and technical content (knowledge and skills) specific to each profession, specialisation and highly specialised activity. Rare disease.

The credit certification for In-Class Course is subject to:

- Professions/specializations should correspond to those which have been accredited for CME
- attendance at the 90% of the event
- the completion of the Meeting evaluation online form;
- the completion of the final test (at least 75% of correct answers).
 1 attempt admitted.
- yhe test and the meeting evaluation form must be completed within 3 days from the end of the event.