

HYBRID COURSE IN-CLASS/ONLINE



UNIVERSITÀ DEL PIEMONTE ORIENTALE

**DIRECTORS**

**Antonia Follenzi**

Dipartimento di Scienze della Salute  
UPO - Università del Piemonte Orientale, Novara

**Marisa Gariglio**

Dipartimento di Medicina Traslazionale  
UPO - Università del Piemonte Orientale, Novara

**Alessandra Gennari**

Divisione di Oncologia - Ospedale Maggiore della Carità  
Dipartimento di Medicina Traslazionale  
UPO - Università del Piemonte Orientale, Novara

**Antonio Sica**

Dipartimento di Scienze del Farmaco  
UPO - Università del Piemonte Orientale, Novara

INTERNATIONAL   
**SUMMER SCHOOL**  
**ON IMMUNO**  
**ONCOLOGY** 2<sup>nd</sup> edition

Under the patronage of




**VERBANIA**

14-17 September 2022

Villa San Remigio

Università del Piemonte Orientale



INTERNATIONAL  2<sup>nd</sup> edition  
**SUMMER SCHOOL ON  
IMMUNO ONCOLOGY**

### **Course Objectives**

The “Summer School of Immuno-Oncology - 2<sup>nd</sup> 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 address

**Gian 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**
- IO & Lung cancer **Silvia Novello**

**16.00 Coffee break**

**16.15** • 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**

• Molecular Imaging as a predictive assay of response to ICI  
**Carolien Schröder**

**18.30** Discussion

**19.00** Closing of the day

INTERNATIONAL  2<sup>nd</sup> edition  
**SUMMER SCHOOL ON  
IMMUNO ONCOLOGY**

Thursday, September 15

**09.00 Immune components of TME**

*Chairs:* **Annalisa Chiocchetti, Lia Rimondini**

- TAMs ad TME **Paola Allavena**
- Plasticity of Neutrophils in cancer **Sebastian Jaillon**

**10.00** Discussion

**10.30 Coffee break**

- 10.45**
- Human T cells engineered with a leukemia lipid-specific TCR enables donor-unrestricted recognition of CD1c-expressing leukemia **Giulia Casorati**
  - Personalizing cancer therapy: Integrating Immunoprofiling of the cancer patient in the clinical pathways **Marianna Nuti, Aurelia Rughetti**

**11.40** Discussion

**12.00 Three selected abstracts presentation by young researchers**

*Chairs:* **Chiara Porta, Marcello Manfredi**

**12.30 Lunch**

**14.00 Therapeutic remodeling of TME**

*Chairs:* **Antonio Sica, 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**

**15.30** Discussion

**16.00 Coffee break**



**16.20 Molecular and genetic determinants of cancer risk and response prediction**

*Chairs:* **Matteo Donadon, Claudio Santoro**

- Molecular determinants of response to immunotherapy in melanoma **Paolo Vigneri**
- Gut microbiota and genetic predisposition in colon cancer **Irma Dianzani**

**17.20** Discussion

**17.30 Three selected abstracts presentation by young researchers**

*Chairs:* **Veronica Martini, Andrea Patriarca**

**18.00** Closing of the day

**Friday, September 16**

**09.00 New approaches for T-cell immunotherapy**

*Chairs:* **Antonia Follenzi, Chiara Bonini**

- CAR-redirectioned 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, Elena Grossini**

- The role of cancer stem cells in drug resistance and recurrence **Massimo Dominici**
- Microvesicles and the immune component system **Annalisa Chiocchetti**

**12:00 Three selected abstracts presentation by young researchers**

*Chairs:* **Chiara Borsoffi, Rita Carini**

**12.30 Lunch**

INTERNATIONAL  2<sup>nd</sup> edition  
**SUMMER SCHOOL ON  
IMMUNO ONCOLOGY**

**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**

**15.30** Discussion

**16.00** Coffee break

**16.30 Three selected abstracts presentation by young researchers**

*Chairs:* **Cinzia Borgogna, Irene Lo Cigno**

**17.00** Closing of the day

**Saturday, September 17**

**09.00 Traslational insight and treatment options**

*Chairs:* **Pierluigi Canonico, Mauro Botta**

- Metabolomics to assess response to immune checkpoint inhibitors **Claudio Luchinat**
- Regulatory process and clinical benefit **Massimo Di Maio**
- Cell therapy in hematology **Marco Ladetto**

**10.30** Discussion

**11.00** Coffee break

**11.30** Closing Lecture

*Chairs:* **Renzo Boldorini, Marco Krengli**

IO Predictors of response from bench to bedside **Giuseppe Viale**



## 12.00 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*  
Cinzia **Borgogna** *Novara*  
Chiara **Borsotti** *Novara*  
Mauro **Botta** *Novara*  
Pierluigi **Canonico** *Novara*  
Rita **Carini** *Novara*  
Giulia **Casorati** *Milano*  
Annalisa **Chiocchetti** *Novara*  
Mario **Colombo** *Milano*  
Pierfranco **Conte** *Padova*  
Giuseppe **Curigliano** *Milano*  
Marco **De Andrea** *Torino*  
Umberto **Dianzani** *Novara*  
Irma **Dianzani** *Novara*  
Massimo **Di Maio** *Torino*  
Massimo **Dominici** *Modena*  
Matteo **Donadon** *Milano*  
Andrea **Filippi** *Pavia*  
Antonia **Follenzi** *Novara*  
Gianluca **Gaidano** *Novara*  
Marisa **Gariglio** *Novara*  
Cecilia **Garlanda** *Milano*  
Alessandra **Gennari** *Novara*  
Elena **Grossini** *Novara*

Valentina **Guarneri** *Padova*  
Ciro **Isidoro** *Novara*  
Sebastian **Jaillon** *Milano*  
Claus **Jørgensen** *Manchester*  
Marco **Ladetto** *Alessandria*  
Ciro **Lo Cigno** *Novara*  
Claudio **Luchinat** *Firenze*  
Marco **Krengli** *Novara*  
Nicasio **Mancini** *Milano*  
Marcello **Manfredi** *Novara*  
Veronica **Martini** *Novara*  
Silvia **Novello** *Torino*  
Marianna **Nuti** *Roma*  
Andrea **Patriarca** *Novara*  
David **Pinato** *Novara*  
Mauro **Pistello** *Pisa*  
Camillo **Porta** *Bari*  
Chiara **Porta** *Novara*  
Lia **Rimondini** *Novara*  
Aurelia **Rughetti** *Roma*  
Dario **Sangiolo** *Candiolo*  
Carolien **Schröder** *Groningen*  
Claudio **Santoro** *Novara*  
Antonio **Sica** *Novara*  
Giuseppe **Viale** *Milano*  
Paolo **Vigneri** *Catania*  
Santiago **Zelanay** *Manchester*

INTERNATIONAL  2<sup>nd</sup> edition  
**SUMMER SCHOOL ON  
IMMUNO ONCOLOGY**

### 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](http://www.symposiacongressi.com/issio2022)

### Course Venue

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

### Abstract

Click here for detailed information:  
[www.symposiacongressi.com/issio2022](http://www.symposiacongressi.com/issio2022)

Remember:

**Aug 30, 2022**

**Abstract submission deadline**

**Sep 5, 2022**

**Date of acceptance**

### Organizing Secretariat and CME Provider

**SYMPOSI**  | We care  
ORGANIZZAZIONE CONGRESSI

### 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.
- the test and the meeting evaluation form must be completed within 3 days from the end of the event.

### Symposia Organizzazione Congressi Srl

Provider accreditato Age.Na.S. N. 486  
Piazza Campetto, 2/8 - 16123 Genova  
tel. 010 255146  
[symposia@symposiacongressi.com](mailto:symposia@symposiacongressi.com)  
[www.symposiacongressi.com](http://www.symposiacongressi.com)