



PROVIDER N.2224

## FIRST ANNOUNCEMENT

# **Bridging Immunity to Cancer: The Contribution of The Tumor Microenvironment and Metabolism**

Rome, November 28, 2023

organized by

**ISTITUTO SUPERIORE DI SANITÀ**  
Department of Oncology and Molecular Medicine

### **Summary**

Evidence from both preclinical and clinical research indicates that anticancer treatments are not equally effective across cancer types. This is mainly because not all tumor types are the same. The composition and metabolic state of the tumor microenvironment plays a critical role in disease progression and in the balance between therapy efficacy and therapy resistance. Based on these premises, this online Workshop is intended to update all the investigators in the field of biomedical research with particular focus on tumor immunology. The Workshop is subdivided in 3 scientific sessions, where top scientists in the field will expand our knowledge on the complexity of the tumor microenvironment (cell types, and the role of metabolic pathways) and on its possible exploitation for the optimization of current and next-generation cancer treatments. The first and third sessions are dedicated to several key aspects of tumor immunology, such as the role of immune cell subsets in shaping the tumor microenvironment and some key events orchestrating the development of cancer. The second session is focused on the role of metabolic pathways and mitochondria in cancer.

### **Aims**

The main scope of this Workshop is to update immunologists and oncologists and all the scientists working in the area of immune response to cancer with the major findings and discoveries in cancer-immune interactions, immunotherapy approaches and metabolic pathways dictating the fate of the tumor microenvironment. The Workshop also aims to encourage the effective exchange of ideas between basic cancer immunologists and non-immunologists in order to support the development of novel therapeutic approaches, and to actively support an international collaborative network of scientists working in immuno-oncology.

### **SCIENTIFIC COORDINATOR**

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### **GENERAL INFORMATION**

#### **Conference venue**

The meeting will be held online through the *Microsoft Teams* videoconference platform.

The link to join the meeting will be sent by e-mail to all selected attendees.

#### **Official language**

The official language is English.

#### **Target audience**

Researchers and operators in the biomedical sector

**This event does not provide any CME credits.**

**FOR ANY FURTHER INFORMATION, PLEASE REFER TO THE PROGRAM OF THE EVENT**