



UNIVERSITÀ
di **VERONA**

Corso di Dottorato in
**INFIAMMAZIONE,
IMMUNITÀ E CANCRO**

KEYNOTE LECTURE

NELSON DUSETTI, PhD

Cancer Research Center of Marseille
CRCM



Date

September 4 2026



Aula Magna Gavazzi

Borgo Roma - Ex Area Gavazzi



Time

At 14:15



PERSONALIZING CHEMOTHERAPY IN PANCREATIC CANCER: FROM PATIENT-DERIVED MODELS AND TRANSCRIPTOMIC SIGNATURES TO CLINICAL DECISION-MAKING

The presentation will focus on how patient-derived models and transcriptomic approaches can be leveraged to address one of the primary challenges in pancreatic ductal adenocarcinoma (PDAC): selecting the most appropriate treatment for individual patients.

The speaker will present their ongoing work on the development and clinical evaluation of molecular signatures designed to predict response to the main chemotherapy regimens used in PDAC. This will include an overview of the patient-derived models that supported both the development and the biological interpretation of these signatures.

Additionally, the presentation will highlight recent single-cell studies investigating tumor heterogeneity, cellular plasticity, and the evolution of resistant cell states under therapeutic pressure. Ultimately, the talk will demonstrate how integrating functional models, molecular profiling, and clinical data can contribute to a more precise and dynamic approach to treatment selection in pancreatic cancer.