



UNIVERSITÀ DELLA CALABRIA

Dipartimento di Farmacia e Scienze della Salute e della Nutrizione

Dipartimento di Chimica e Tecnologie Chimiche

Dottorato di Ricerca in Medicina Traslazionale



March 10th, Monday

15:00

Aula Seminari Medicina

Single-cell sequencing: promise and challenge



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Abstract

Early diagnosis and prevention of metastasis are pivotal for LSCC treatment. Single-cell sequencing approach gave us the opportunity to elucidate the heterogeneity of malignant cells in LSCC and to identify new meta-programs. In order to profile the landscape of cellular diversity in LSCC tumors we used single-cell RNA sequencing (scRNA-seq), obtaining novel information on the heterogeneity of tumor microenvironment and different genetic and metabolic states in the tumor ecosystem.