



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA



W8 PHYSICAL CYTOMETER

A Reliable Flow-Based Method for the Accurate Measure of Mass Density, Size and Weight of Live 3D Tumor Spheroids



Abstract Gathering precise information on mass-density, size and weight of cells or cell aggregates, is crucial for applications in many biomedical fields with a specific focus on cancer research. Although few technical solutions have been presented for single-cell analysis, literature does not cover this aspect for 3D models such as spheroids. Here we describe a flow-apparatus, and the associated physical method and operative protocol for the accurate measurements of mass-density, size and weight and scientific results.

Friday 3 December at 14.30
Aula Carinci, dipartimento DIMES,
via Belmeloro 8

AGENDA

14.30 Product introduction and scientific results, with Simone Pasqua

15.30 Live demo session, with Azzurra Sargenti

IMPORTANT

Due to the Covid restrictions please book your seat mailing to azzurra.sargenti@celldynamics.it