

# Workshop BD

## Next Generation Flow Cytomics

**10.00 – 10.15**

### WHY FLOW CYTOMICS?

A brief workshop introduction

*Gianluca Rotta, BD Biosciences*

**10.15 – 10.45**

### THE FOUR PILLARS OF PANEL DESIGN

Spillover, spread, antigens, controls

*Giusy Capuano, BD Biosciences*

**10.45 – 11.15**

### ADVANCED PANEL DESIGN

Allowing human errors without generating catastrophes

*Gianluca Rotta, BD Biosciences*

**11:15 – 11.45**

### BEYOND CELL PHENOTYPES

Antibodies meet mRNA sequencing

*Werner Rodriguez, BD Multiomics*

**11:45 – 12.15**

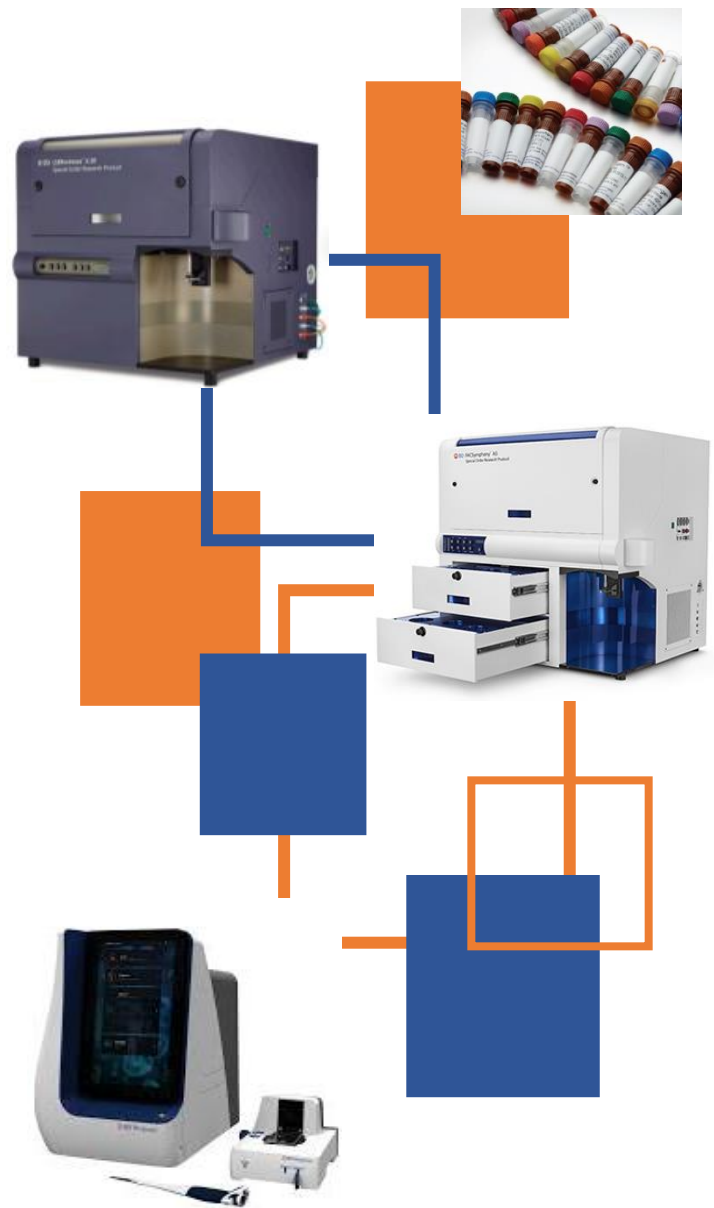
Synergic approach of multicolor flow cytometry and unsupervised high dimensional analysis to describe T cell dynamic in head-neck cancer patients

*Daniela Fenoglio, CEBR Genoa*

**12:15 – 12.30**

### CLOSING REMARKS

**10.00 – 12.30, June 20<sup>th</sup>**  
**University of Genoa,**  
**Aula Magna DI.M.I.**  
**via Benedetto XV, 6 Genoa**



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## Next Generation Flow Cytomics

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**Next Generation flow cytometry** has considerably enhanced its potential due to extensive multicolor approaches.

In parallel, the advent of new technologies allows targeted RNA-Seq of hundreds of genes and cellular proteins analysis across thousands of single cells in one streamlined workflow.

As of today, **BDBiosciences** has the unique capacity to offer researchers the tools to cover the entire workflow from phenotype profiling, to purification, up to transcriptome analysis in a real **Cytomic** approach.

