SHORTCOMINGS IN THE CLINICAL EVALUATIONS OF **OVARIAN CANCER BIOMARKERS**



A **biomarker** is a naturally occurring molecule, gene, or characteristic by which a particular pathological or physiological disease can be identified. Yet, only very few biomarkers are used in today's health care system.

When a biomarker is tested for clinical use, the included participants needs to properly represent the population in which it will be used, otherwise the intended evaluation of the biomarker fails.



or the risk of **DISCARDING POTENTIAL BIOMARKERS** that are so urgently needed

CURRENT RECRUITMENT

47%

33%

Of studies from ONE (MEDICAL) CENTER

> included MULTIPLE patient **GROUPS**

<200 no. of participants

LIMITED POPULATION REPRESENTATION

STUDY (0.5%) recruited 1 group from MULTIPLE CENTERS and had SAMPLE SIZE JUSTIFICATION



IDEAL RECRUITMENT

from MULTIPLE (MEDICAL) CENTERS

> one **SINGLE** patient **GROUP**

no. of participants >200

OPTIMIZED POPULATION REPRESENTATION





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