

Enabling detection of HER2 and AR protein expression and localization in circulating tumor cells (CTCs) of metastatic breast cancer (MBC) patients (pts)

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- resistance to endocrine therapy

- Sciences platform







• Common breast cancer related gene copy number gain (FGFR1, ERBB2) and loss (PTEN, CDH1) were observed

Conclusions

• The majority (76.3%) of metastatic breast cancer patients had detectable CTCs • Diverse expression of HER2 and AR were observed and these endocrine therapy resistance markers could potentially guide subsequent therapy selection Prospective evaluation of HER2 and AR on MBC pts' CTCs as predictive biomarkers of benefit from inhibitors of these proteins is needed