

## **11-5-20**

**PERFORMANCE GAP/ ACTIVITY NEED:** There are a variety of strategies in development for the prevention of breast cancer. Personalized approaches to prevent breast cancer that are being developed focus on advances in precision medicine, knowledge of the immune system and the tumor microenvironment and their role in cancer development. Advances in understanding of how breast cancer develops are allowing investigators to specifically target populations who are most likely to benefit. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5939980/>

**DESIRED OUTCOMES: At the end of the activity, attendees will be able to:**

- Explain what risk factors vary among different populations and how prevention strategies can be implemented for those at greater risk.
- Assess the strengths and shortcomings of identifying and utilizing biomarkers for breast cancer risk, detection, and treatment.
- Identify mechanisms of resistance to targeted therapy.