## POST-TEST

## Breast Cancer Update — Volume 17, Issue 2

## THE CORRECT ANSWER IS INDICATED WITH YELLOW HIGHLIGHTING.

- 1. Results from the Phase III IMpassion130 trial \_\_\_\_\_\_ a significant improvement in progression-free survival with the addition of atezolizumab to *nab* paclitaxel as first-line treatment for metastatic TNBC.
  - a. Demonstrated
    - b. Did not demonstrate
- 2. In a follow-up analysis of the APT trial evaluating adjuvant paclitaxel/trastuzumab for HER2-positive, node-negative BC, the 7-year disease-free survival rate was approximately \_\_\_\_\_.
  - a. 3% b. 50% c. 93%
- 3. Updated results from the TEXT and SOFT trials included a statistically significant improvement in freedom from distant recurrence among premenopausal women with ER-positive, HER2-negative BC who received adjuvant exemestane and ovarian function suppression compared to tamoxifen alone.
  - a. True
  - b. False
- 4. Which of the following categories reflects the mechanism of action of alpelisib (BYL719)?
  - a. Antibody-drug conjugate
  - b. Anti-PD-1/PD-L1 antibody
  - c. CDK4/6 inhibitor
  - d. PI3 kinase inhibitor
    - e. Tyrosine kinase inhibitor
- 5. In the Phase III TAILORx study evaluating adjuvant therapy for patients with hormone receptor-positive, HER2-negative, nodenegative BC and an intermediate RS of 11 to 25, adjuvant endocrine therapy alone was \_\_\_\_\_\_ to chemoendocrine therapy in terms of invasive disease-free survival in the overall patient population.
  - a. Inferior
  - b. Noninferior

- 6. Which of the following CDK4/6 inhibitors appears to penetrate the CNS more effectively than do the others?
  - a. Abemaciclib
  - b. Palbociclib
  - c. Ribociclib
  - d. None of the above (all appear to penetrate the CNS equally)
- Exploratory analyses of the TAILORx trial results suggest a potential benefit with chemotherapy for \_\_\_\_\_\_ patients with an intermediate-range RS, particularly those with a score between 16 and 25.
  - a. Premenopausal
  - b. Postmenopausal
  - c. Neither a nor b
- 8. The Phase III RxPONDER study randomly assigns patients with ER-positive, HER2-negative, node-negative BC and a RS of 25 or higher to adjuvant endocrine therapy with or without chemotherapy.
  - a. True b. False
- 9. Which of the following categories reflects the mechanism of action of tucatinib?
  - a. Anti-PD-1/PD-L1 antibody
  - b. CDK4/6 inhibitor
  - c. Tyrosine kinase inhibitor
- 10. In the Phase III PALOMA-3 study, the addition of palbociclib to fulvestrant resulted in a statistically significant improvement in overall survival for patients with HR-positive, HER2-negative advanced BC who were sensitive to previous endocrine therapy.
  - a. True b. False