## Lung Cancer Update — Volume 15, Issue 2

## THE CORRECT ANSWER IS INDICATED WITH YELLOW HIGHLIGHTING.

| 1. | The Phase III FLAURA study comparing          |
|----|---|
|    | first-line osimertinib to either erlotinib or |
|    | gefitinib for advanced NSCLC with an EGFR     |
|    | tumor mutation demonstrated a significant     |
|    | improvement in progression-free survival      |
|    | (PFS) for patients who received osimertinib.  |
|    |   |

- a. True
  - b. False
- 2. Which of the following categories reflects the mechanism of action of Roya-T?
  - a. Antibody-drug conjugate
  - b. Anti-PD-1 antibody
  - c. RET inhibitor
- 3. Results of a Phase III trial evaluating dacomitinib versus gefitinib as first-line therapy for patients with locally advanced or metastatic NSCLC and an EGFR tumor mutation demonstrated a significant improvement in with dacomitinib.
  - a. Overall survival
  - b. PFS
  - c. Both a and b
- 4. The results of the Phase III IMpower150 trial of atezolizumab and/or bevacizumab added to carboplatin and paclitaxel as first-line therapy for patients with metastatic nonsquamous NSCLC failed to demonstrate any statistically significant improvement in overall survival or PFS with the addition of atezolizumab and bevacizumab to carboplatin/paclitaxel.
  - a. True
  - b. False
- Results of the Phase III KEYNOTE-042 trial demonstrated a significant improvement in overall survival with single-agent pembrolizumab compared to platinum-based chemotherapy as first-line treatment for locally advanced or metastatic NSCLC in patients with a PD-L1 TPS of
  - a. 1% or higher
  - b. 20% or higher
  - c. 50% or higher
  - d. All of the above

- is a second-generation ALK inhibitor that is currently FDA approved for the treatment of metastatic NSCLC with an ALK rearrangement.
  - a. Alectinib
  - b. Brigatinib
  - c. Ceritinib
  - d. All of the above
  - is a promising investigational agent that targets TRK kinases in adult and pediatric patients with cancers harboring an NTRK gene fusion.
    - a. Entrectinib
    - b. Larotrectinib
    - c. Both a and b
  - 8. The Phase III KEYNOTE-407 trial evaluating the addition of pembrolizumab to carboplatin with paclitaxel or *nab* paclitaxel as first-line therapy for metastatic squamous NSCLC demonstrated prolonged median overall survival and PFS with the addition of pembrolizumab to conventional chemotherapy across all PD-L1 expression subgroups.
    - a. True
    - b. False
  - 9. The Phase III PACIFIC trial of durvalumab versus placebo for patients with locally advanced, unresectable NSCLC without disease progression after definitive platinumbased chemoradiation therapy demonstrated a statistically significant improvement in with durvalumab.
    - a. Overall survival
    - b. PFS
    - c. Objective response rate
    - d. All of the above
- 10. Results of the global Phase III ALEX study evaluating alectinib versus crizotinib demonstrated a significant PFS improvement with alectinib for patients with \_\_\_\_\_\_ advanced NSCLC with an ALK rearrangement.
  - a. Treatment-naïve
  - b. Previously treated