Targeted and Biological Therapies SIG Crossword Puzzle

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11 12 13
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ACROSS

1. _____ or biotherapy is the therapeutic use of agents derived from biologic sources and/or affecting biologic responses.

3. Bortezomib is administered to patients with multiple _____ who have received two prior therapies and who have shown disease progression since the last therapy.

6. Hematopoietic growth factors are a biotherapy class of proteins that communicate with specific receptors to control the production, maturation, and function of _____ cells.

7. Tyrosine kinase inhibitors are _____ within the cell that block the ability of the protein tyrosine kinase to function, limiting cancerous cell growth.

11. New blood vessel growth from pre-existing vascular network

12. Most common side effects of filgrastim are _____ pain and transient liver function alterations.

13. A biotherapy agent approved by the U.S. Food and Drug Administration (FDA) for high-risk melanoma.

14. Monoclonal antibodies ending in “zumab”

15. Trastuzumab: monoclonal antibody (FDA approved) that targets HER2 for metastatic _____ cancer.

DOWN

1. Biotherapy alters the body’s _____ response, resulting in therapeutic effects.

2. Administration of interleukin-2 is FDA approved for _____ cell cancer and metastatic melanoma.

4. Erythropoietin alpha is a hematopoietic growth factor and a glycoprotein that stimulates _____ blood cell production.

5. Monoclonal antibody (FDA approved) that targets epidermal growth factor receptor (extracellular domain)

8. _____ antibodies, or “moabs,” are artificially created in the laboratory and are designed to attach to the antigens expressed on the surface of cancerous cells.

9. Monoclonal antibody (FDA approved) administered for B cell lymphocytic leukemia

10. Monoclonal antibodies ending in “ximab”