Answer form for the article titled “Different perspectives on translational genomics in personalized medicine” within the scope of CME/CPD.

<table>
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<th>Question</th>
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| 1. Concerning risk assessment, screening, diagnosis, prognosis, and treatment of cancer, which of the following cancer-specific genetic tests are performed is incorrect? | a. MLH1, MSH2 (including EPCAM), MSH6, PMS2 - Lynch syndrome  
  b. BRCA1 or BRCA2 - breast and ovarian malignancies  
  c. HPV genotyping - cervical cancer  
  d. BCR-ABL, E2A-PBX1, TEL-AML1, and MLL fusions and rearrangements - leukemia  
  e. EPCAM, CEA, EGFR - melanoma |
| 2. Which of the following Translational Genomics technologies provides more limited analysis than others? | a. Microarrays  
  b. Next-generation sequencing  
  c. Array-based comparative genome hybridization  
  d. Quantitative PCR  
  e. Genome-wide association studies |
| 3. Which of the conditions concerning women’s healthcare is considered the most widely used area of personalized medicine? | a. Preeclampsia  
  b. Preterm birth  
  c. Gynecologic cancer  
  d. Recurrent pregnancy loss  
  e. Infertility |
| 4. Stent restenosis develops in a patient using clopidogrel after coronary stenting. Functional tests show clopidogrel to be ineffective. Which of the following is the most likely cause of clopidogrel resistance? | a. Long-term use of clopidogrel at high doses (acquired resistance)  
  b. CYP2C19 polymorphisms  
  c. Normal BMI  
  d. Environmental factors  
  e. Male sex |
| 5. Which one of the following techniques is not a targeted therapy approach for cancer? | a. CAR-T cells  
  b. Small molecules  
  c. Enzymes  
  d. Conventional chemotherapy  
  e. MicroRNAs |
| 6. Which one of the followings does not belong to sequencing techniques? | a. RNA-seq  
  b. ChiP-seq  
  c. Intron seq  
  d. Exome seq  
  e. WGS |
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1st Question

4th Question

2nd Question

5th Question

3rd Question

6th Question

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