

# Groundbreaking Cancer Therapies: Transforming Treatment Approaches

### **Description**

Scientists are starting a big study on new personalized cancer treatments. They want to see how well the treatments work in real time. They are working with hospitals, charities, and companies to look at new ways to find cancer.

The project will study 3,000 people with cancer to find out which markers can show if someone has cancer or if it could come back. This might help make new cancer treatments work better.

One type of treatment they are looking at is immunotherapy. This treatment helps the body's immune system fight cancer. It is different from surgery, radiation, and chemotherapy.

The goal is to find out who will benefit from the treatment and who might have side effects. The project will focus on melanoma, kidney cancer, bladder cancer, and triple-negative breast cancer.

This study could help doctors know which treatments are best for each patient, making cancer treatment more effective.

# **Vocabulary List:**

- 1. **Personalized** /ˈpɜːr.sə.nə.laɪzd/ (adjective): Tailored to meet the individual needs or characteristics of a person.
- 2. **Immunotherapy** /,ɪm.jʊ.nəˈθɛr.ə.pi/ (noun): A type of cancer treatment that boosts the body's natural defenses.
- 3. Markers /ˈmɑːrkərz/ (noun): Biological indicators used to detect the presence of a condition such as cancer.
- 4. Melanoma /ˌmɛləˈnoʊmə/ (noun): A type of skin cancer that develops from pigment-producing cells.
- 5. **Side effects** /saɪd ɪ'fɛkts/ (noun): Secondary typically undesirable effects of a drug or treatment.
- 6. Effective /I'fɛk.tɪv/ (adjective): Successful in producing a desired or intended result.

ESL-N

# **Comprehension Questions**

#### **Multiple Choice**

1. What is the primary focus of the big study on new personalized cancer treatments?

Option: Finding new hospitals for treatment Option: Raising funds for cancer research



Option: Determining treatment effectiveness
Option: Exploring alternative medicine practices

2. How many people with cancer will the project study?

Option: 2,000 Option: 5,000 Option: 3,000 Option: 1,000

3. Which type of treatment is the project specifically looking at?

Option: Surgery Option: Radiation

Option: Immunotherapy
Option: Chemotherapy

4. Which cancers will be the focus of this study?

Option: Lung cancer, prostate cancer, ovarian cancer Option: Breast cancer, colon cancer, pancreatic cancer Option: Melanoma, kidney cancer, bladder cancer Option: Liver cancer, brain cancer, leukemia

5. What is the goal of the project regarding cancer treatment?

Option: To increase surgery procedures

Option: To eliminate all side effects of cancer treatments
Option: To personalize treatments for different patients
Option: To focus only on chemotherapy treatments

6. How does immunotherapy differ from surgery, radiation, and chemotherapy?

Option: It is more expensive

Option: It helps the body fight cancer through the immune system

Option: It is only used for early-stage cancers

Option: It has more severe side effects

#### **True-False**

- 7. The project aims to explore new ways to find cancer.
- 8. Immunotherapy is a type of surgery.



- 9. The study will focus on breast cancer and brain cancer.
- 10. The goal is to determine which patients are most likely to benefit from treatment.
- 11. This project involves collaboration with hospitals and charities only.
- 12. Immunotherapy may have fewer side effects compared to chemotherapy.

		ı	ı

13. The study will include	ude people with cancer to identify markers that can indicate		
the presence or recurrence of cancer.			
14. One type of treatment being studied is	, which harnesses the body's immune		
system to combat cancer.	WS.COM		
15. The project will focus on melanoma, kidney ca	ncer, bladder cancer, and breast		
cancer.			
16. Doctors aim to determine the most effective tr	reatments for each patient to enhance		
treatment outcomes.			
17. Scientists want to identify markers that can pr	edict the likelihood of cancer recurrence in order to		
improve cancer treatment	·		
18. The main aim of the project is to understand w	which patients will benefit from treatment and to assess		
notential treatment			

### **Answer**

**Multiple Choice:** 1. Determining treatment effectiveness 2. 3,000 3. Immunotherapy 4. Melanoma, kidney cancer, bladder cancer 5. To personalize treatments for different patients 6. It helps the body fight cancer through the immune system

True-False: 7. True 8. False 9. False 10. True 11. False 12. True

Gap-Fill: 13. 3,000



14. immunotherapy 15. triple-negative 16. cancer 17. effectiveness 18. side effects

# Vocabulary quizzes

### Multiple Choice ( Select the Correct answer for each question. )

1. Which substances help maintain fluid balance nerve function and muscle control in the body?

Option: Probiotics
Option: Electrolytes
Option: Progesterone
Option: Antibiotics

2. What medical products are used to stimulate the immune system to protect against diseases?

Option: Progesterone Option: Vaccines

Option: Immunotherapy

Option: Estrogen

3. Which term describes a medical condition that is intense or serious in nature?

Option: Severe
Option: Occasional
Option: Alternative
Option: Personalized

4. Which supplements contain beneficial bacteria for gut health?

Option: Electrolytes
Option: Progesterone
Option: Probiotics
Option: Antibiotics

5. What is the process of adding water to the body to maintain balance?

Option: Hydration
Option: Replenishing
Option: Essential

Option: Complications

6. What type of medication is used to treat bacterial infections?



Option: Progesterone **Option: Probiotics** Option: Antibiotics Option: Immunotherapy

7. Which hormone is mainly responsible for preparing the uterus for pregnancy?

Option: Progesterone Option: Estrogen Option: Cycle Option: Markers

8. What are substances that provide nourishment essential for growth and maintenance of life?

Option: Nutrients Option: Deficiencies Option: Application Option: Exposures

9. Which treatment aims to boost or restore the body's natural defenses against diseases like cancer? NEWS.CO

**Option: Vaccines** 

Option: Immunotherapy

Option: Melanoma Option: Side effects

10. Which professionals are responsible for promoting and selling products or services?

Option: Effective Option: Harmful Option: Marketers Option: Consult

#### Gap-Fill (Fill in the blanks with the correct word from the vocabulary list.)

11 electro	electrolytes is important after a strenuous workout.			
12. Taking antibiotics should be an	measure and not a routine practice.			
13. Proper hydration is	for overall well-being.			
14. Always	a healthcare provider before starting a new medication.			
15. If you experience	side effects from a medication seek medical help			



immediately.				
16. The correct of sunscreen can help protect against skin cancer.				
17. Antibiotics should only be taken with a valid from a licensed healthcare				
provider.				
18. Eating a balanced diet can help prevent nutrient				
19. Ignoring early symptoms can lead to serious health				
20. Consuming too many supplements can be to your health.				
Matching Sentences ( Match each definition to the correct word from the vocabulary list. )				
21. Ensuring proper levels is essential for optimal physical performance.				
22. Some people opt for medicine practices instead of traditional treatments.				
23. Failure to follow post-operative care instructions can lead to .				
24. Occupational health focuses on minimizing workplace to hazardous materials.				
25. Some medications may cause minor such as drowsiness or dizziness.				
26. nutrition plans are tailored to an individual's specific needs and goals.				
27. is a hormone that plays a key role in the menstrual cycle.				
28. The menstrual is controlled by fluctuations in hormone levels.				
29. Quitting smoking is one of the most ways to improve your health.				
30. Regular exercise is an part of a healthy lifestyle.				

### **Answer**

**Multiple Choice:** 1. Electrolytes 2. Vaccines 3. Severe 4. Probiotics 5. Hydration 6. Antibiotics 7. Progesterone 8. Nutrients 9. Immunotherapy 10. Marketers

Gap-Fill: 11. Replenishing 12. Occasional 13. Essential 14. Consult 15. Severe 16. Application 17.

Prescription



18. Deficiencies 19. Complications 20. Harmful

**Matching sentence:** 1. Hydration 2. Alternative 3. Complications 4. Exposures 5. Side effects 6. Personalized 7. Estrogen 8. Cycle 9. Effective 10. Essential

#### **CATEGORY**

1. Health - LEVEL2

**Date Created** 2024/10/06 **Author** aimeeyoung99

