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Vocabulary Builder Reference from...

Elizabeth Wayne: We can hack our immune cells to fight cancer | TED Talk

https://www.ted.com/talks/elizabeth_wayne_we_can_hack_our_immune_cells_to_fight_cancer

Advanced Words Only

IMPORTANT

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Session 1: Word List

nonspecific

adj. not specific or detailed; lacking precise definition or differentiation; not limited to a particular thing, person, or situation

synonym : indeterminate, unspecific, vague

(1) **nonspecific** changes, (2) **nonspecific** antibody

The patient complained of **nonspecific** pain in their lower abdomen.

encapsulate

v. to enclose or envelop something within a capsule or a membrane; to express or summarize the essence or core of something in a condensed form

synonym : enclose, contain, capsulize

(1) **encapsulate** the message, (2) **encapsulate** the essence

The movie can **encapsulate** the book's spirit, bringing it to life on screen.

biomedical

adj. relating to the application of the natural sciences, especially biology, and physiology, to clinical medicine and healthcare

synonym : medical, clinical, health-related

(1) **biomedical** assay, (2) cutting-edge **biomedical**

Biomedical engineering focuses on developing new medical

technologies and innovations to improve patient health outcomes.

nanoparticle

n. a particle of matter that is between 1 and 100 nanometres (nm) in diameter

(1) aluminum **nanoparticle**, (2) atmospheric **nanoparticle**
For some creatures, carbon **nanoparticles** are deadly.

inject

v. to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)

synonym: shoot, infiltrate, insinuate

(1) **inject** under the skin, (2) **inject** a personal opinion into a debate

Let's try to **inject** a bit of enthusiasm into your performance.

bloodstream

n. the blood flowing through the body

(1) **bloodstream** in an artery, (2) **bloodstream** to the brain
Cancer cells are often carried throughout the body by the **bloodstream**.

mimic

v. to imitate someone's speech, movement, or behavior, especially to make others laugh

synonym: mirror, imitate, ape

(1) **mimic** a human voice, (2) **mimic** numerous instruments
He is very popular at school because he can **mimic** all the teachers' accents.

smug

adj. excessively pleased with oneself; self-righteously complacent

synonym: self-satisfied, complacent, self-assured

(1) in a **smug** manner, (2) **smug** attitude

She felt **smug** about her performance in the competition.

ballsy

adj. marked by boldness, courage, or nerve; daring or audacious, often to the point of being aggressive or pushy

synonym : courageous, daring, gutsy

(1) **ballsy** play, (2) **ballsy** attitude

The actress's **ballsy** move to turn down the leading role in the blockbuster paid off when she won an Oscar for her smaller, riskier role.

lingering

adj. continuing for a long time; persistent; remaining in a place or situation for longer than is usual or necessary; unwilling to leave

synonym : prolonged, persistent, enduring

(1) **lingering** illness, (2) **lingering** doubts

The **lingering** smell of smoke clung to his clothes even after he left the campfire.

Alzheimer

n. a neurodegenerative disease that causes memory loss, cognitive decline, and behavioral issues; is the most common cause of dementia in older adults

synonym : dementia, memory loss, cognitive decline

(1) **Alzheimer's** brain, (2) **Alzheimer's** risk factors

My grandmother has **Alzheimer's** disease requires special care and attention from her caregivers.

excite

v. to make someone feel suddenly enthusiastic or eager

synonym : thrill, exhilarate, animate

(1) **excite** the crowd, (2) **excite** rebellion

The news of her promotion **excited** her.

opportune

adj. suitable or happening at a time that is suitable or convenient for a particular purpose

synonym : suitable, timely, practical

(1) **opportune** occasion, (2) an **opportune** remark

The phone rang at the most **opportune** time.

Session 2: Spelling

1. blo_____am to the brain *n.* the blood flowing through the body
2. ba___y play *adj.* marked by boldness, courage, or nerve; daring or audacious, often to the point of being aggressive or pushy
3. in a s___g manner *adj.* excessively pleased with oneself; self-righteously complacent
4. non_____ic antibody *adj.* not specific or detailed; lacking precise definition or differentiation; not limited to a particular thing, person, or situation
5. ex___e the crowd *v.* to make someone feel suddenly enthusiastic or eager
6. s___g attitude *adj.* excessively pleased with oneself; self-righteously complacent
7. ba___y attitude *adj.* marked by boldness, courage, or nerve; daring or audacious, often to the point of being aggressive or pushy
8. in___t a personal opinion into a debate *v.* to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)
9. Al_____er's brain *n.* a neurodegenerative disease that causes memory loss, cognitive decline, and behavioral issues; is the most common cause of dementia in older adults
10. cutting-edge bio_____al *adj.* relating to the application of the natural sciences, especially biology, and physiology, to clinical medicine and healthcare

ANSWERS: 1. bloodstream, 2. ballsy, 3. smug, 4. nonspecific, 5. excite, 6. smug, 7. ballsy, 8. inject, 9. Alzheimer, 10. biomedical

11. enc_____te the message *v.* to enclose or envelop something within a capsule or a membrane; to express or summarize the essence or core of something in a condensed form
12. an op_____ne remark *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
13. enc_____te the essence *v.* to enclose or envelop something within a capsule or a membrane; to express or summarize the essence or core of something in a condensed form
14. aluminum nan_____cle *n.* a particle of matter that is between 1 and 100 nanometres (nm) in diameter
15. mi__c a human voice *v.* to imitate someone's speech, movement, or behavior, especially to make others laugh
16. ex___e rebellion *v.* to make someone feel suddenly enthusiastic or eager
17. blo_____am in an artery *n.* the blood flowing through the body
18. bio_____al assay *adj.* relating to the application of the natural sciences, especially biology, and physiology, to clinical medicine and healthcare
19. li_____ng illness *adj.* continuing for a long time; persistent; remaining in a place or situation for longer than is usual or necessary; unwilling to leave
20. in___t under the skin *v.* to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)

ANSWERS: 11. encapsulate, 12. opportune, 13. encapsulate, 14. nanoparticle, 15. mimic, 16. excite, 17. bloodstream, 18. biomedical, 19. lingering, 20. inject

21. mi__c numerous instruments *v.* to imitate someone's speech, movement, or behavior, especially to make others laugh
22. op_____ne occasion *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
23. li_____ng doubts *adj.* continuing for a long time; persistent; remaining in a place or situation for longer than is usual or necessary; unwilling to leave
24. atmospheric nan_____cle *n.* a particle of matter that is between 1 and 100 nanometres (nm) in diameter
25. non_____ic changes *adj.* not specific or detailed; lacking precise definition or differentiation; not limited to a particular thing, person, or situation
26. Al_____er's risk factors *n.* a neurodegenerative disease that causes memory loss, cognitive decline, and behavioral issues; is the most common cause of dementia in older adults

ANSWERS: 21. mimic, 22. opportune, 23. lingering, 24. nanoparticle, 25. nonspecific, 26. Alzheimer

Session 3: Fill in the Blanks

1. Cancer cells are often carried throughout the body by the _____.
n. the blood flowing through the body
2. The patient complained of _____ pain in their lower abdomen.
adj. not specific or detailed; lacking precise definition or differentiation; not limited to a particular thing, person, or situation
3. The actress's _____ move to turn down the leading role in the blockbuster paid off when she won an Oscar for her smaller, riskier role.
adj. marked by boldness, courage, or nerve; daring or audacious, often to the point of being aggressive or pushy
4. The _____ smell of smoke clung to his clothes even after he left the campfire.
adj. continuing for a long time; persistent; remaining in a place or situation for longer than is usual or necessary; unwilling to leave
5. The news of her promotion _____ her.
v. to make someone feel suddenly enthusiastic or eager
6. My grandmother has _____ disease requires special care and attention from her caregivers.
n. a neurodegenerative disease that causes memory loss, cognitive decline, and behavioral issues; is the most common cause of dementia in older adults
7. For some creatures, carbon _____ are deadly.
n. a particle of matter that is between 1 and 100 nanometres (nm) in diameter

ANSWERS: 1. bloodstream, 2. nonspecific, 3. ballsy, 4. lingering, 5. excited, 6. Alzheimer's, 7. nanoparticles

8. He is very popular at school because he can _____ all the teachers' accents.
- v. to imitate someone's speech, movement, or behavior, especially to make others laugh
9. She felt _____ about her performance in the competition.
- adj.* excessively pleased with oneself; self-righteously complacent
10. The phone rang at the most _____ time.
- adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
11. Let's try to _____ a bit of enthusiasm into your performance.
- v. to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)
12. The movie can _____ the book's spirit, bringing it to life on screen.
- v. to enclose or envelop something within a capsule or a membrane; to express or summarize the essence or core of something in a condensed form
13. _____ engineering focuses on developing new medical technologies and innovations to improve patient health outcomes.
- adj.* relating to the application of the natural sciences, especially biology, and physiology, to clinical medicine and healthcare

ANSWERS: 8. mimic, 9. smug, 10. opportune, 11. inject, 12. encapsulate, 13. Biomedical