

帝京平成大学大学院

健康科学研究科 (修士課程)

2026 年度入学試験問題用紙 (英語)

受験 番号								氏 名	
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問題 1. 以下は癌治療のために開発された新しいたんぱく質に関する記事である。空欄に入れるのに最も適切なものを選択肢の中から選びなさい。さらに文章すべてを日本語訳しなさい。

- (1). A Kyoto University research group has () a new type of protein that marks out cancer cells for easier removal.
1. develop 2. developing 3. developed 4. been developed
- (2). Every day, more than 10 billion cells () the human body fulfill their role and die, ...
1. in 2. on 3. for 4. at
- (3). ... and are eaten and removed by immune cells called ()
1. microphone. 2. microphages. 3. macrophages. 4. macroeconomics.
- (4). When the unnecessary cells accumulate () of dying, due to aging and other factors, ...
1. instead 2. invite 3. inconsistent 4. independent
- (5). ...this () to various health issues such as cancer and autoimmune diseases.
1. has, 2. leads 3. causes, 4. belongs
- (6). The research group developed Crunch — short for Connector for Removal of Unwanted Cell Habitat — a protein that binds to unwanted cells to make it () for immune cells to pick out their target
1. more difficult 2. difficult 3. more easy 4. easier
- (7). () modifying the Crunch protein's structure, it can latch on to different types of unwanted cells.
1. On 2. Since 3. To 4. By

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問題 1. 続き

(8). Mice with skin cancer or autoimmune diseases were () with Crunch protein.

1. inserted 2. injected 3. insisted 4. ejected

(9). The team () that harmful cells, such as cancer cells, either exhibited suppressed growth or were reduced in number.

1. confirmed 2. was confirmed 3. is confirmed 4. confirming

(10). The team's findings were () in international scientific journal "Nature Biomedical Engineering" on Wednesday.

1. played 2. paid 3. published 4. pinched

(11). The team hopes to begin a clinical trial on humans for the Crunch protein within three years, with a goal to () practical application of the new technology in the 2030s.

1. archive 2. achieve 3. believe 4. appeal

(12). "Currently, cancer cells are killed through chemotherapy or immune cells, before being removed," Kyoto University professor Jun Suzuki, who () in cell membrane biology, said.

1. starts 2. specialty 3. specializes 4. speaks

(13). The Crunch protein "will allow cancer cells to be effectively removed while still alive, hopefully () in new forms of treatment," he added.

1. removing 2. revolving 3. resulting 4. returning

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問題 2. 次の日本語を英語でどう表現するか, 表示してある先頭の 1 文字または 4 文字を使って空欄に適切な 1 語を入れなさい.

(1). 小さな女の子が公園の滑り台を滑っている.

A little girl is going (d) the slide in the park.

(2). 僕は雲梯 (うんてい) で端まで行けるようになった.

I can go all the (w) across the monkey bar now.

(3). 彼女は膝にブランケットを掛けた.

She (p) a blanket over her lap.

(4). この場合は 6 に 3 を掛ければいいんだよ.

In this case, all you have to do is (mult) 6 by 3.