英語 A English A

(60分間)

Time limit: 60 minutes

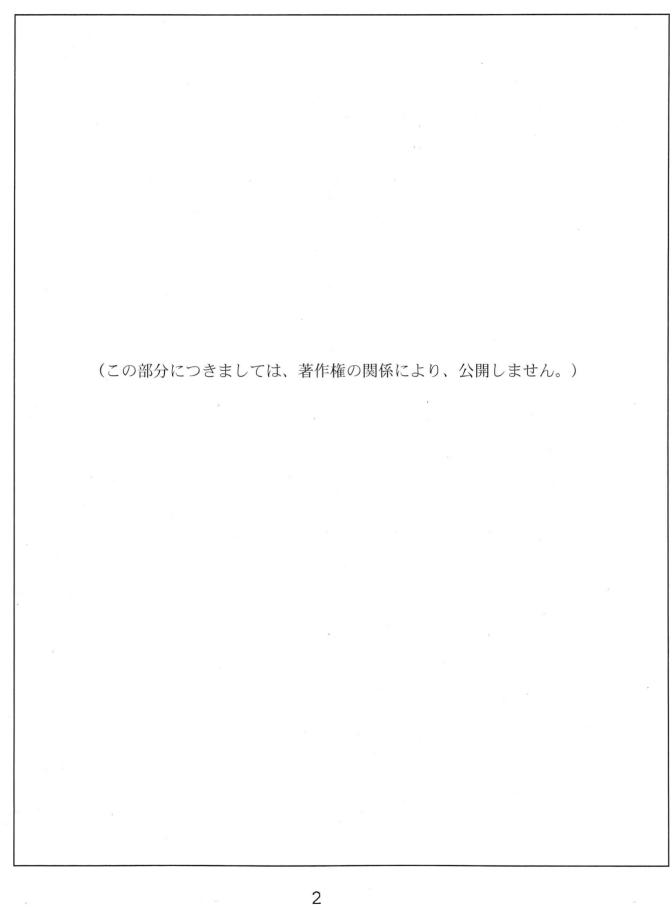
注 意

- 1. 問題紙は指示があるまで開いてはいけません。
- 2. 問題紙は表紙を含めて5枚です。
- 3. 問題紙は持ち帰ってください。

Notice:

- 1. Do not open this cover until you have been instructed to by a proctor.
- 2. The question sheet consists of 5 pages including this cover.
- 3. You must bring the question sheet back when you are finished.

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(Adapted from Nature 526: 642–643, 2015)

Notes

CRISPR/Cas 9^{*1} : a name of genome-editing technology ENU *2 : *N*-ethyl-*N*-nitrosourea, a highly potent mutagen

Figure

(この部分につきましては、著作権の関係により、公開しません。)

- Q1. Which of the following titles is likely to be fitted to the article?
 - A, Newly made mitochondrial DNA drives inflammation.
 - B, Elusive mitochondrial connection to inflammation uncovered.
 - C, Brain inflammatory cascade controlled by gut-derived molecules.
 - D, Inappropriate cellular inflammation can cause disease.
 - E, Caspase target drives pyroptosis.
- Q2. Which word best fills in the blanks (1) and (2) of the text? Put a circle around the word you choose.
- Q3. Fill in the blanks (A) and (B) of the Figure with suitable words.
- Q4. Summarize the main points of this article in either Japanese for Japanese examinee or English for foreign examinee.

ANSWER SHEET FOR ENGLISH A

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