英語 B English B

(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5枚です。
- 3. 問題紙は持ち帰って下さい。

Notice

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

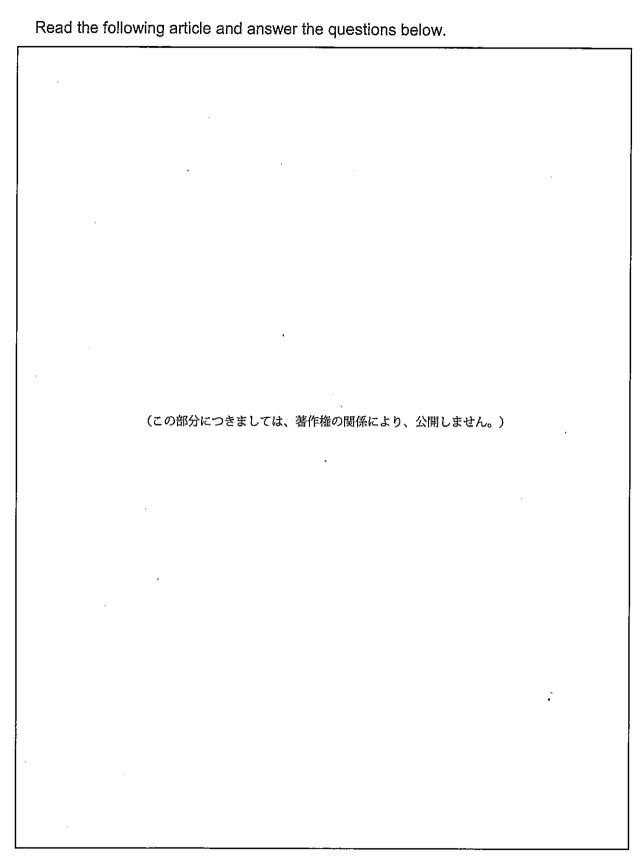
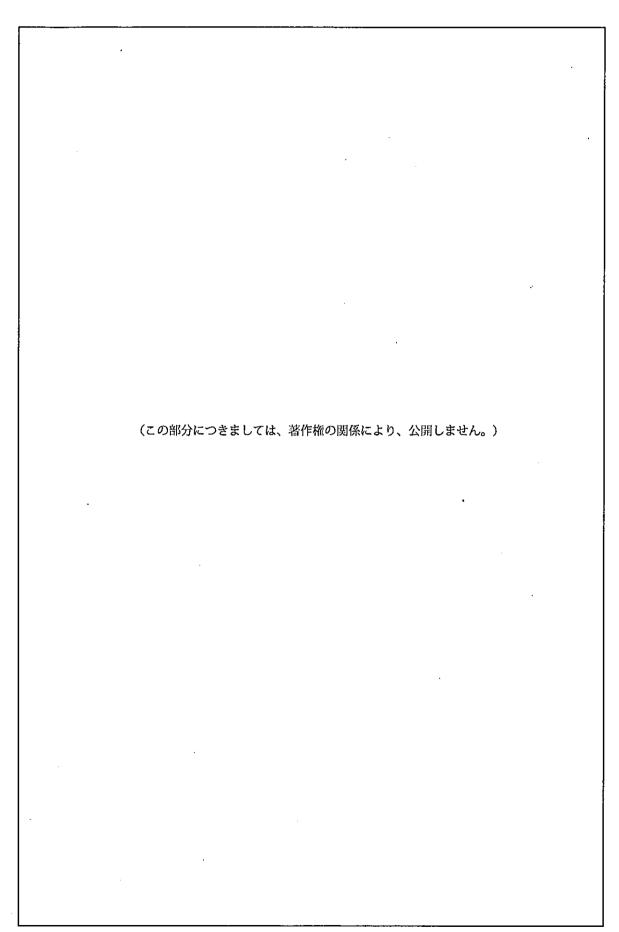
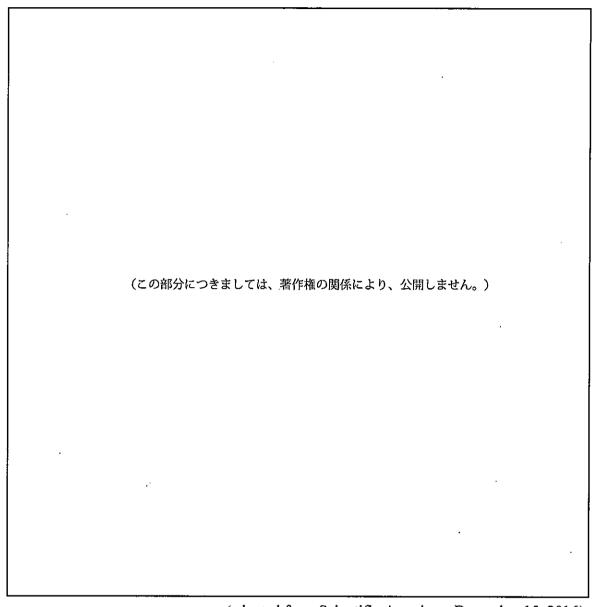


Figure 1. Title and abstract of the Paper in Cell. 2016 Dec 15;167(7):1719-1733.

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(adapted from Scientific American, December 15, 2016)

Answer the following questions in English or Japanese.

- Q1. What are "four genes"?
- Q2. What does "benefit" mean? And what does "harm" mean?
- Q3. What are other approaches?
- Q4. Why is this work the first glimmer that we could live for centuries?
- Q5. Summarize the content of this article with less than 100 English words or 250 Japanese words.