

高二英语第二十四期·语法填空自测

注意：限时 8 分钟

Section A

Directions: After reading the passages below, fill in the blanks to make the passages coherent and grammatically correct. For the blanks with a given word, fill in each blank with the proper form of the given word; for the other blanks, use one word that best fits each blank.

"We focus on __1__ is called recurrent obesity or yo-yo obesity, which is a feature __2__ affects close to 80 percent of all overweight individuals worldwide." Eran Elinav of the Weizmann Institute of Science in Israel said. "This is the phenomenon in which we gain weight and then we go on a successful diet. But within 12 months we go back to our original weight, even __3__ (gain) more weight from cycle to cycle. So this is called recurrent obesity."

But Elinav may __4__ (take) a step toward getting a handle on that frustrating post-diet pound packing that leaves people heavier than when they started. He spoke February 17th at the annual meeting of the American Association for the Advancement of Science in Boston. "We developed a few models in mice. And what we found was __5__ the one important determinant which drives this exaggerated weight regain tendency is a persistent alteration of the composition and function of our gut microbiome following a successful dieting. In other words, we diet and we normalize all of our metabolic parameters after we successfully diet..." But we still __6__ maintain the microbial profile—and function—that we had before losing the weight. So Elinav's team did a detailed analysis of the biochemistry going on within the mice.

"And we came across two molecules in mice which are from the flavonoid family. And basically these molecules signal to the host adipose tissue telling it __7__ (extract) more heat and to gain less fat."

The molecules __8__ (call) apigenin and naringenin get degraded in the presence of the obesity-related microbiome. "And when they are low the fat doesn't get this signal and then weight regain occurs. So in this particular case the intervention which we've used is to replenish these two missing or these two degraded molecules through administration in food and their drinking water. And __9__ we brought them back to physiological levels, we completely abolished this tendency for an exaggerated weight regain."

"Now extrapolating to humans, __10__ this is true in humans, we would discover these or maybe other molecules which are depleted or in excess...an intervention which would supplement them or block their downstream signaling would potentially be helpful in this regard."

答案由高二英语第二十五期提供（每周一期）

高二英语第二十三期语法填空答案：

1. where 2. from 3. what 4. reflecting 5. that
6. packed 7. to cool 8. when 9. can 10. although

如果本套试题有不会的题目，请于每周五，周六，周日下午 16:00——17:00 来吉地教育五角场校区，一线教师，**免费**为你一对一答疑！