

# Survey about public awareness of the antioxidants

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## Introduction:

Hi! We are college students in Beijing Institute of Technology. We are currently involved in the International Genetic Engineering Machine Competition (iGEM) and want to conduct research about antioxidant testing. Our project aims to establish a set of antioxidant detection system in living cells in order to rank the effects of various antioxidants more scientifically in cells. We hope that through this survey, we can understand the public's familiarity with anti-oxidation products, and collect opinions about current way to detect antioxidants in order to guide our project. Thank you for participating in this survey. Your results will greatly help us advance the project. Thank you very much!

## Questions:

1. What is your gender?

- male
- Female

2. What is your age?

- Under 18 years old
- 18-35 years old
- 35-60 years old
- 60 years old or older

3. Do you have any knowledge of biotechnology and synthetic biology?

- I have never heard of
- I heard about it but didn't understand
- Compare
- Very understanding

4. The anti-aging ingredients in most cosmetics and health care products are antioxidants, such as astaxanthin soft capsules, beta-carotene tablets and vitamin C. Have you used products containing these or other antioxidants?

- yes
- no

5. Do you think products containing antioxidants will work?

- yes
- no
- not sure

6. Have you ever learned about the current rating of antioxidants on the market?

- Yes, I know very well.
- No, I don't know.

8. If we build an antioxidant evaluation system that is completed inside living cells, will the evaluation results of this system help you purchase antioxidant products?

- will
- will not

9. What features do you want such an evaluation system to have? [Multiple choice questions]

- accurate
- Efficient
- Safety
- low cost
- easy to use
- Reusable
- Wide detection range
- other