



## Educational Attitude Survey Questionnaire

Dear Friend,

Hello! We are the iGEM Team from the National University of Defense Technology, and we are conducting an academic survey on "The Public's Perception and Attitude Towards Synthetic Biology".

First, we would like to briefly explain: **synthetic biology** is an interdisciplinary field that explores solutions to practical issues such as healthcare, environmental governance, and food safety by designing and modifying biological systems. Your true opinions will help us gain a more accurate understanding of the public's current perception of this emerging technology, providing an objective reference for future science and technology popularization.

This survey strictly adheres to the *Measures for the Ethical Review of Biomedical Research Involving Human* (Order No. 11 of the National Health and Family Planning Commission, issued on October 12, 2016) and adopts a "complete anonymity" approach throughout. That is, the questionnaire does not involve any personally identifiable information (PII) such as your name, phone number, or address. All collected data will be used *exclusively for academic research* and will not present individual responses separately. After the completion of the research, the original data

will be stored in encrypted form and lawfully destroyed within 3 years. It will never be disclosed to any third parties or used for commercial or non-academic purposes.

The questionnaire will only take 5-8 minutes to complete. You do not need to deliberately polish your answers—just choose or fill in based on your first instinct. Each of your true responses is crucial for us to avoid "research bias" and improve the credibility of our conclusions. Only by relying on the public's true opinions can we more accurately identify the key priorities and difficulties in popularizing synthetic biology, and make subsequent science and technology communication and social discussions more in line with everyone's needs.

Thank you very much for taking the time to participate in this survey. Your trust and honest answers are vital to our research. If you have any questions during the process, please feel free to contact us. We would like to express our sincere gratitude to you again!

1. Your age group:
2. Your educational background:
3. Your current occupation:
4. City:

**Dimensions: Interaction/Input; Simplicity/Complexity; Text/Images**

**Rules:** There are 5 options (Strongly Agree, Partially Agree, Uncertain, Partially Disagree, Strongly Disagree), with scores ranging

from 0 to 5. For the above dimensions:

- The lower the score, the more inclined you are to prefer **interaction/simplicity/text**;

- The higher the score, the more inclined you are to prefer **input/complexity/images**.

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### **Interaction/Input**

1. I prefer discussing issues with others rather than reading materials on my own.

2. I have no pressure when communicating with others.

3. I get bored and lose patience if I listen to lectures or read for a long time.

4. I enjoy participating in various seminars.

5. Communicating and discussing with many strangers excites me.

### **Simplicity/Complexity**

1. When I see long paragraphs of relatively complex text, I feel dizzy.

2. I prefer easy-to-understand popular science information, even if it may not be sufficiently rigorous.

3. When I encounter professional terms in popular science, my first reaction is to only understand their general function, rather than grasping the principles behind them in detail.

4. The popular science bloggers I like have a large number of

followers and tend to be commercialized.

### **Text/Images**

1. Generally speaking, I do not have the habit of using diagrams to understand new things.

2. When learning about scientific principles, I prefer reading text descriptions rather than looking at diagrams/illustrations.

3. When looking at popular science diagrams, I often need a long time to understand what they are trying to convey.