1- Socio-demographic characteristics.

Q1: Gender  ○ Male  ○ Female

Q2: Age  {} years

Q3: Grade  ○ First-year undergraduate  ○ Second-year undergraduate
            ○ Third-year undergraduate  ○ Fourth-year undergraduate
            ○ Fifth-year undergraduate  ○ Graduate student

Q4: Profession  ○ Healthcare professional  ○ Nonmedical professional

Q5: Whether you had ever been infected with COVID-19?  ○ Yes  ○ No

Q6: Whether your family members, relatives or friends had ever been infected with COVID-19?  ○ Yes  ○ No

2- Vaccination practices for COVID-19

Q7: Whether you had been vaccinated against COVID-19?  ○ Yes  ○ No

Q8: Which type of COVID-19 vaccines have you received?
    ○ A SARS-CoV-2 inactivated vaccine (Vero cells).
    ○ A recombinant adenovirus type-5-vectored COVID-19 vaccine.
    ○ A recombinant COVID-19 vaccine (CHO cells).
    ○ An adenoviral vector-based COVID-19 vaccine (S protein).
    ○ A recombinant tandem-repeat dimeric RBD-based protein subunit vaccine against COVID-19.
    ○ Unclear.
    ○ Having not received the COVID-19 vaccination.

Q9: Where did you get information about COVID-19 vaccination?
    ○ Official announcements released by the university.
    ○ Official announcements released by the government of residence.
    ○ Social media (Internet or TV, etc.).
    ○ Communication with the family members, relatives, friends, etc.
    ○ Lack of the related information.

Q10: Where did you receive the COVID-19 vaccines?
A vaccination place uniformly arranged by the government and community.
○ A vaccination place uniformly arranged by the university.
○ Centers for Disease Control.
○ Not yet vaccinated.

Q11: How did you feel when you heard that the COVID-19 vaccination program had covered the university?


Q12: Please self-evaluate your knowledge levels pertaining to COVID-19 vaccines:
   “know nothing” (score of 1) to “know everything/expert” (score of 5)

Q13: How many COVID-19 vaccines have been granted conditional licensure or emergency-use authorization in China?
 ○ 1  ○ 2  ○ 3  ○ 4  ○ 5

Q14: How many doses of SARS-CoV-2 inactivated vaccine (Vero cells) should be administered?
 ○ 1  ○ 2  ○ 3  ○ 4  ○ 5

Q15: If an individual receives the SARS-CoV-2 inactivated vaccines (Vero cells), how long should the time interval of vaccination visits be?
 ○ ≥1 week.  ○ ≥2 weeks.  ○ ≥3 weeks.  ○ ≥4 weeks.  ○ ≥5 weeks.

Q16: Who should receive COVID-19 vaccines?
 ○ Healthy people without experience of COVID-19 infection.
 ○ People with experience of COVID-19 infection.
 ○ People aged 18 and above.
 ○ People aged 3 and above.
 ○ All the people.

Q17: Which is NOT contraindication to COVID-19 vaccination?
 ○ Someone with a fever.
 ○ Pregnant woman.
 ○ Someone with a history of an allergic reaction to similar vaccines.
 ○ Someone with uncontrolled epilepsy.
 ○ Chronic disease patients aged 65 and above.
Q18: Is it necessary to undergo nucleic acid and antibody testing for SARS-CoV-2 before vaccination?

○ Yes
○ No

4- Opinions and attitudes toward COVID-19 vaccines and vaccination

Q19: In order to bring the pandemic to an end, it is important to establish herd immunity through a COVID-19 vaccination program.

○ Strongly disagree.
○ Disagree.
○ Neutral.
○ Agree.
○ Strongly agree.

Q20: The imported COVID-19 vaccines produced by international pharmaceuticals in America or Europe are better than the domestically produced vaccines in China.

○ Strongly disagree.
○ Disagree.
○ Neutral.
○ Agree.
○ Strongly agree.

Q21: If everyone else is vaccinated, I wouldn’t need to get vaccinated.

○ Strongly disagree.
○ Disagree.
○ Neutral.
○ Agree.
○ Strongly agree.

Q22: I am willing to pay for the COVID-19 vaccine if payment is required.

○ Strongly disagree.
○ Disagree.
○ Neutral.
○ Agree.
○ Strongly agree.

Q23: Based on the vaccination experience of myself or of others, I think the current supply of COVID-19 vaccines is adequate.

○ Strongly disagree.
○ Disagree.
○ Neutral.
○ Agree.
○ Strongly agree.

Q24: Based the vaccination experience of myself or of others, I think the COVID-19 vaccination is safe.

○ Strongly disagree.
○ Disagree.
○ Neutral.
○ Agree.
○ Strongly agree.

Q25: What do you think about a social news report saying that a hospital laboratorian still contracted COVID-19 after vaccination?

○ Negative. Since the effectiveness of the vaccines in preventing COVID-19 cannot be 100%, I don't want to get vaccinated.
○ Positive. All for one and one for all. I will actively participate in the national COVID-19 vaccination program to achieve the herd immunity.
○ It doesn't matter.

Q26: What is the most important perceived factor contributing to the COVID-19 vaccination?

○ Effectiveness in preventing COVID-19.
○ Free of charge.
○ Simple vaccination program.
○ Compulsory vaccination requirement.
Supervision from the family.

Q27: What is your biggest concern about COVID-19 vaccination?
- Ineffectiveness in preventing COVID-19.
- Vaccine allergy.
- Vaccine-caused COVID-19 infection.
- Unknown long-term safety.
- Unnecessity of vaccination in view of the current situation that COVID-19 has been controlled.
- Troublesomeness of vaccination.