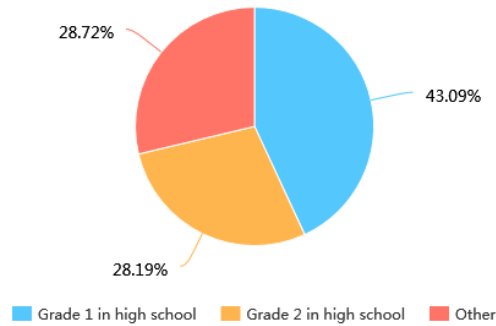
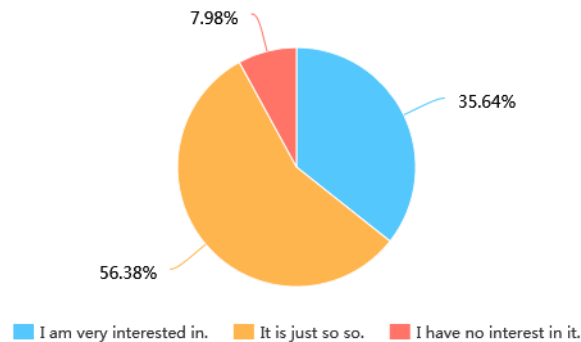


## A Survey about Synthetic Biology

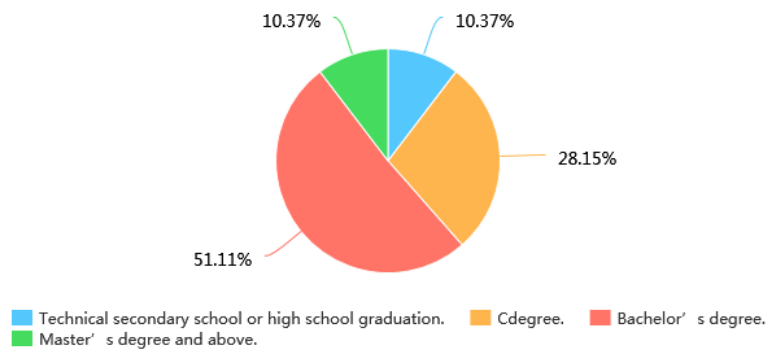
3. What is your grade? (for student)



5. How do you like the advanced biology? (for student)

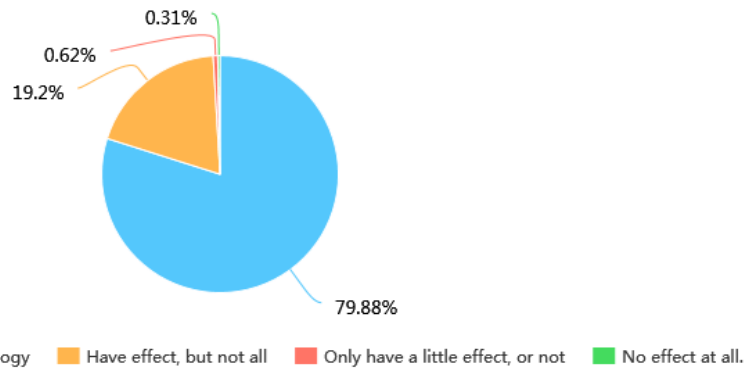


4. What is your degree?(for a graduate)

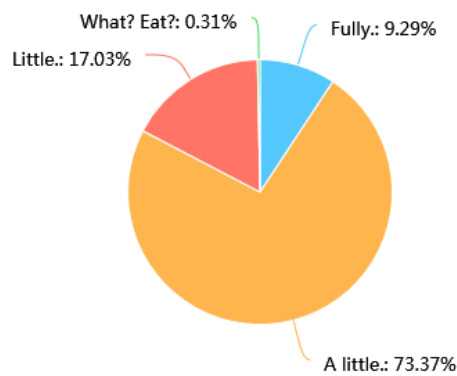


There are 188 high school students and 135 graduates who fill out the questionnaires. Among the students, 71% of them are junior high school student and 29% of them are senior high school student. More than 90% of them are interested in the frontier of biology, especially in the field of synthetic biology or genetic engineering. And 36% of the students even show great interest and enthusiasm. As for adult, 90% of the adults have a college degree or above. And their professions are government officers, business staffs, individual business and so on.

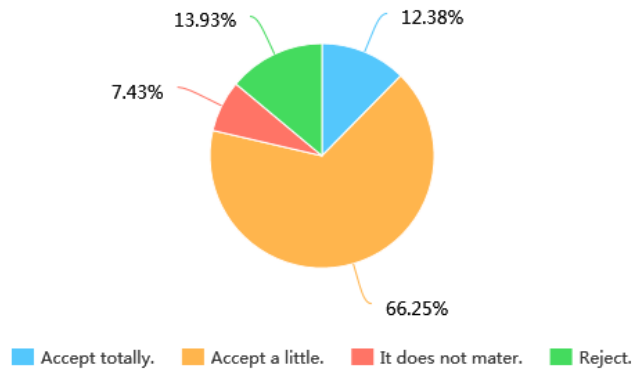
6. How do you think the biology's effect on the daily life? (for all)



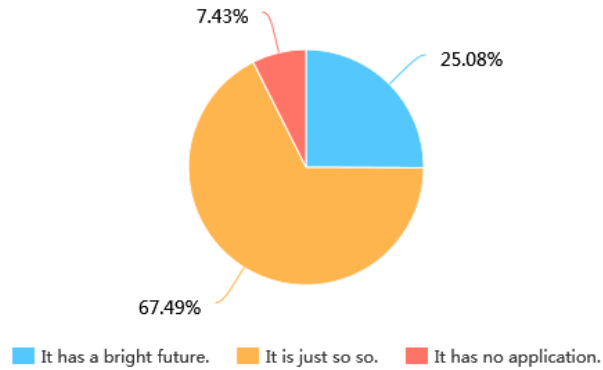
8. How do you think your knowledge about genetic modified? (for all)



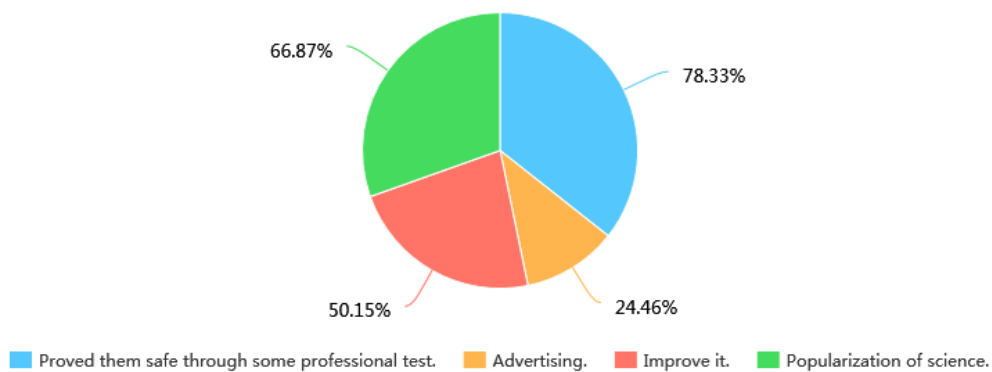
10. What is your opinion about GM crops?(for all)



11. In our project, genetic modified plants function against high light and radial. How do you think about its application? (for all)



13. Through what measures can the synthetic biology product be accepted by the public? (for all)



Both students and adults agree that biology has impact on the daily life, and also they have some knowledge about synthetic biology and genetically modified organism. However, when it comes to the further application of our genetic modified crops, or other advanced technology of biology, they show a conservative attitude. They believe that only by taking some measures can the applications of advance biology be accepted by the public. They are proving synthetic biology product safe through professional tests, spreading and popularizing knowledge and mechanisms of synthetic biology product.

So we draw two conclusions. The first one is that is of great significance to spread and popularize knowledge and mechanisms of synthetic biology and genetic modified if we want to promote the further application of them. The second is that the high school students show great interest in advanced biology. To enhance their understanding of advanced biology, our team can show the students some materials and make some activities, such as giving a lecture, holding a workshop or arranging some experiments of synthetic biology. In these ways, not only can we enhance students' understanding of synthetic biology, but also likely to make some influences on their future major or profession.