

## 2015 国际基因工程大赛 (iGEM) SZU-iGEM 团队项目调查问卷

2015SZU-iGEM team project questionnaire in International Genetically Engineered Machine Competition (iGEM)

我们是深圳大学 iGEM 团队, 我们本次参赛项目是《非天然氨基酸遗传正交系统治疗膀胱癌》, 主要用基因治疗的方法定向识别并杀死膀胱癌细胞。希望通过本次调查得出一些真实的数据做研究。您所回答的内容将是我们的一份珍贵资料, 我们将以匿名的方式做调查, 所以大家可以放心填写, 万分感谢大家的支持。

We are the Shenzhen University iGEM team. This year. Our project is the 《Synthesizing genetic circuit based on Unnatural Amino Acid orthogonal system to cure bladder cancer》, which is about to construct the gene circuit to detect and kill bladder cancer cells accurately without killing the normal cells. We sincerely hope that this survey could help us obtain more data and information to further our research. It is an anonymous questionnaire, so you can fill in the form without any concern. Your answer will be valuable for us, and we truly appreciate your favor.

性别 (Gender): 男 / 女    年龄 (Age):                    学历 (Education):

1、合成生物学的主要目的是重组现有的功能组件构建简单的生物系统, 在此之前您是否听说过合成生物学的概念?

The main purpose of synthetic biology is to restructure the existing functional components into simple biological system. Have you ever heard of the concept of synthetic biology.

A 非常了解 (know very well)

B 听过但不了解 (heard about that and know a little)

C 完全不了解 (not at all)

2、您知道合成生物学在医学方面有哪些应用吗?

Do you know any application in terms of the synthetic biology used in medical field?

A 知道 (yes, I know)

B 不知道 (no, I do not know)

3、您知道良性肿瘤与恶性肿瘤的区别吗?

Do you know the difference between benign tumor and malignant tumor?

A 知道 (yes, I know)

B 不知道 (no, I do not know)

C 有了解但不是很清楚 (only know a little)

4、您认为传统的癌症治疗方法有哪些? (可多选)

How many methods of conventional cancer treatment do you know? (Multiselect)

A 手术切除 (surgical operation)

B 化学治疗 (chemotherapy)

C 放射性治疗 (radiation therapy)

D 靶向治疗 (targeted therapy)

E 免疫疗法 (immunotherapy)

F 中药中医治疗 (traditional Chinese medicine treatment)

5、您认为传统疗法治疗肿瘤的效果如何？

How do you think of the effect of traditional therapies for cancer?

A 好 (good)

B 一般 (neutral)

C 不好 (bad)

D 不了解 (do not know)

6、您认为传统疗法的安全性如何？

What do you think about the safety of traditional therapies?

A 好 (good)

B 一般 (neutral)

C 不好 (bad)

D 不了解 (do not know)

7、您知道有一种基因治疗的方法可以定向杀死膀胱癌细胞吗？

Do you know that there is a gene therapy method that can kill the bladder cancer cells accurately?

A 知道 (yes, I do)

B 不知道 (no, I do not)

C 有所了解但不是很清楚 (heard about that but not familiar)

8、深圳大学 iGEM 团队在做关于基因疗法治疗膀胱癌的课题，对未来治疗膀胱癌有很大应用前景，您对此持什么看法？

ShenZhen University iGEM team is doing a project about gene therapy which will have a great prospect for the treatment of bladder cancer. How do you think of it?

A 支持，利大于弊，希望对治疗膀胱癌更方便有效

(support, the advantages outweigh the disadvantages, hope that the treatment can be more effective and available)

B 不支持，传统方法更普遍可靠

(nonsupport, the traditional method is more common and reliable)

C 无所谓 (it does not matter)

9、基因疗法相对于传统治疗的优势在于能精确的靶向定位，定向杀死癌细胞，不会错杀或误杀正常细胞，如果基因疗法对治疗膀胱癌更有效你会选择吗？

Compared with traditional treatment, gene therapy has the advantage to specifically detect and kill cancer cells without any harm to normal cells. If gene therapy develops more effective for the treatment of bladder cancer, will you choose gene therapy in the future?

A 会 (yes, I will)

B 不会 (no, I will not)

理由 (the reason) \_\_\_\_\_

C 无所谓，能治病就好 (it depends)

感谢您的支持！

Truly appreciate your favor!



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SHENZHEN UNIVERSITY