

Each Small Group will be given a topic related to what we have just learned about the new biomedical technology, Crispr. Each Group needs to explain the ethics from a Catholic point of view, in how we use this new technology as it affects human life.

TOPICS: Sickle Cell Anemia/ Thalassemia, In Vitro Fertilization (the role of ethics in preventing disease in the fetus), The use of Crispr in making Vaccines and suspicion of this process. *If you have a different Topic your group would like to present in relation to Catholic Medical ethics and Crispr please consult the instructor.*

Each Group Must Answer the following questions in their presentation. The Presentation should not be longer than 15 minutes, and may include handouts, and/or a video. You must reference one of the articles referenced at the bottom of the page. During your presentation your small group must address the following, and be ready to answer questions:

- \*Explain the disease/congenital defect/or vaccine and the biological processes involved
- \*The process of CRISPR when it is used to resolve a medical problem
- \*What is the Catholic Perspective from a moral point of view, and the doctrine that guides our Church?
- \*How do you view this technology is beneficial now and in the future?
- \*How could this technology be misused, and become a moral wrong?
- \*Who will have access to this technology?
- \* How Does CRISPR Affect the Global community?

Each Group will post their Google Slides before class tomorrow, and each member of the group must present one of the group's slides individually.

[CRISPR: Can we control it?](#)  
[What is CRISPR?](#)  
[CRISPR Quizlet](#)  
[What is CRISPR Exit Slip](#)

Avoiding Misuse (14:15)  
Wonderopolis Article; Vocabulary  
Q&A Practice  
3 M/C Quiz questions

[How CRISPR is Revolutionizing Gene Editing](#) Article with Questions (9/18 not 13)[USCCB - Genetic Enhancement](#) 4 page article on genetic enhancement and human dignity  
[Summary of Dignitas Personae/resources](#) Connection to many current Cath. Resources on Biotechnology  
[The Place of God in Biotechnology](#) - Scholarly Research Article for Reference  
[C.C.C. - The Morality of Human Acts](#) - Analysis of human morality in the Catholic Catechism  
<https://news.harvard.edu/gazette/story/2019/01/perspectives-on-gene-editing/>  
<https://med.nyu.edu/departments-institutes/population-health/divisions-sections-centers/medical-ethics/sites/default/files/high-school-bioethics-lesson-plans-crispr.pdf>