

94.09.13 workshop FRI session 33 Cloning

Cloning

1. cloning is **defined as**,
2. “the production of **genetically identical organisms** via somatic cell nuclear transfer.”
3. may no longer be **a thing of the far-off future**
4. **proponents cite many benefits** as their source of excitement
5. However, the **ethical issues** of human cloning **aren't being discussed** as much as they should be.
6. isn't **morally or ethically** acceptable
7. **religious issues** and **health concerns**
8. create **unforeseen and serious consequences**
9. The **premature death** of the first cloned sheep named Dolly
10. Dolly **suffered** a lot of health problems, **including but not limited to** DNA degradation, lung disease, arthritis and premature aging.
11. if human cloning **becomes widely practiced**, it will be a lot harder to solve the ethical issues of human cloning
12. that could **endanger the integrity** of the human race
13. **genetic mutation & genetic contamination** due to **interbreeding/crossbreeding**
14. by allowing genetic engineering in human babies to occur, **we are only a few steps away from** cloning humans in large numbers.
15. The world is already **facing overpopulation**
16. **Copying** people/**creating extra mouths to feed/duplicating genetic replicas** of another human being
17. **Duplicating** famous leaders
18. **What if it got into the wrong hands**
19. I read a book **where** scientists cloned Hitler
20. They tried to **take over the world**
21. **Creating a master race**
22. Governments try to create **qualities that they consider desirable**
23. For instance, genetic manipulation could help regrow damaged cells that could be used to treat a multitude of sicknesses and injuries. They could even theoretically grow a new organ to replacement a damaged organ.

People who have problems with infertility can use human cloning to produce a baby with the same DNA as them.

Using cloned human bodies instead of animals for experiments can help researchers and scientists find cures for health conditions and disease more effectively.

24. Many couples are **desperate** to have children

25. Cloning **might be the answer**

26. **Create parts** for surgery

27. You might need a **heart transplant**

Good luck!