

HOW CAN GENETICS AND GENETICAL ENGINEER BE A SIGNIFICANT TOOL FOR SOCIETY AND SCIENCES?

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In simple terms, genetic engineer is a process in which a molecule called DNA (which is where all the information about how we are physically, our hereditary diseases and much more is store) is modified or changed.

This engineering is a very important piece for society or humans because there are many people who are destined to have a hereditary disease that can become very serious and this genetics can help prevent this and it is also important for science since this is which makes the whole process of modifying the DNA molecule.

It has contributions in medical science because as we said it helps to solve some diseases and also to find the cause and cure of these.

For example: insulin which helps to control diabetes, hormones which can help the growth of some people, the follistim which helps to treat infertility in women, vaccines and other medicines.

There are many ways in which this technology can be applied and one of these is the process called CRISPR which is a tool used to modify or correct the DNAs of a cell before being a fetus (embrion), to explain it in an easier way is like using scissors but molecular that are able to cut the DNA and modify it in a very precise way.

People use this technology to mold their babies. It's like when you go to an American girls factory and you can tell the cashier how you want your doll, if you want it to be equal to you, your hair color, eyes, Etc ...

But here what changes is that it is in the DNA of an embryo and you can choose your physical and diseases, for example if you want an athlete that is healthy you can have it with this technology.

Parents can also prevent diseases that they know their children may have as inheritance, they can erase the possibility of having that disease.

When this technology started it was very expensive and most people can't get it.

Now it is not very economical but if accessible, for example on the internet they sell the kit with which you can modify but only bacteria, if you want to modify your fetus you must go to a specialized clinic to do it in a precise way since it is not a easy process as as modifying a bacteria.

This technology has good but also bad impacts that are:

Positive impacts:

People can choose their ideal baby but it is not only good because it is physically perfect, it is also good for their health, and it is good for medicine because it cures several diseases that are incurable because They "cut" and cease the possibility to exist.

This process is more accessible than before and people will have less illness.

Negative impacts:

As most people can get this technology they could choose how their child wants to be, so the process would not be so natural.

Most people in the world would be perfect and very similar, and what the people who do not think but the government does it (because in some countries the laws prohibit this technology) is that there would no longer space in the world for people who do not wish to do this (since they see it as unnatural or inappropriate), because there would have many people without problems or diseases who would take over the world.

We believe that this process can benefit society in a very significant way, since we can prevent the possibilities of diseases that are currently killing us.

But from our personal side we believe that it can be a negative impact since bullying will increase and many deaths or suicides could occur, so when we become adults we would not want to use this technology to have our children, we would only use it in one extreme case such as the possibility of a very serious illness.

Would you use this technology to perfect your children regardless of the consequences?

Maybe you would do the same as us?

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