WHAT IS BIOTECHNOLOGY?

Biotechnologies are the products from engineering that can be applied to solve biological problems.

We can also see biotechnology as the products made from simple engineering of biological concepts. For example, it is sperm that fertilizes ovum to form an embryo, as such, sperms and ova can be fertilized in the laboratory to give or yield more embryos in the case of meat production.

The above two definitions can be given two distinct terms to describe the concept distinctly. The first could be left as it is called "biotechnology" which the second could be called "bioengineering" as it implies manipulating biological concepts to yield products that benefit humans. However, the mixing of sperm and ovum i.e. invitro fertilization is a technology made from biological engineering.

Scope of Biotechnology

As it is that Biotechnology is the engineering of biology and biology itself is a very large area of study, as such biotechnology is a very large area of study. It encompasses genetic engineering, biological materials production, enzyme engineering, biological modelling, ecological engineering, etc.

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