

THE POWER OF GENETICS

Fill in the blanks with the correct form of the word in parentheses.

Genetics is the study of genes and how they affect the _____ (develop) of living things. Scientists have made great _____ (discover) in this field, helping to improve our _____ (understand) of diseases and heredity.

One important area of research is genetic _____ (modify), where scientists change the DNA of plants or animals to improve their _____ (resist) to disease. This has led to the _____ (create) of crops that grow faster and survive harsh conditions.

Another breakthrough is in medicine, where genetic _____ (analyze) helps doctors find the best treatments for patients. This _____ (science) progress has increased the _____ (effective) of many medicines and has even made personal treatments possible.

However, genetic research also raises ethical questions. Some people are concerned about the _____ (manipulate) of genes and its possible risks. That's why the _____ (regulate) of genetic technology is important for _____ (safe) and fairness.