Genetically modified athletes: Biomedical ethics, genetic enhancement, and sport.


A Wikipedia article on the topic of genetically modified athletes discusses the use of gene therapy in sport. This includes the use of gene therapy to enhance athletic performance. Gene therapy involves the introduction of new genes into an organism's cells to change its traits or behavior.

There are several potential benefits to using gene therapy in sport. For example, it could help athletes recover more quickly from injuries or improve their overall performance. However, there are also concerns about the safety and ethical implications of using gene therapy in sport.

The World Anti-Doping Agency (WADA) has banned the use of gene therapy in sport since 2004. This is because it is considered to be a performance-enhancing substance. Athletes who use gene therapy to enhance their performance can be disqualified and receive a ban from competition.

Despite these concerns, gene therapy continues to be used by some athletes in sport. This is because it is still not possible to detect the use of gene therapy with certainty. Therefore, athletes can still use gene therapy to enhance their performance and avoid detection.

It is likely that gene therapy will continue to be used by athletes in sport in the future. However, it is important that this technology is used in a responsible and ethical manner. It is also important that the use of gene therapy is monitored and regulated to ensure that it is not being used to enhance athletic performance unfairly.