

Download Genetic Engineering In The Plant Sciences

Genetic engineering, also called genetic modification or genetic manipulation, is the direct manipulation of an organism's genes using biotechnology. Genetic engineering is the direct manipulation of an organism's genome using certain biotechnology techniques that have only existed since the 1970s. Human directed genetic manipulation was occurring much earlier, beginning with the domestication of plants and animals through artificial selection. Over 600 scientists work in our labs, comprising 46 groups to advance research in the Life Sciences. The labs offer a scientific environment of top international standard, cutting-edge instrumentation, specialised facilities and advanced services. The gene gun can be used on either tissue culture cells or seedlings (to make chimeric plants) of any species. As the name implies, this method works by shooting DNA into the plant cells.