

Gene therapy does not require long-term transgene expression and allows for the targeting of anticancer agents to the malignant cells, thus minimising damage to normal tissues.

Gene therapy is a potential treatment option for acquired and inherited cardiovascular diseases that remain with unmet clinical needs, most trials have shown a very good safety profile.

**Tissue  
regeneration  
after  
chemotherapy**

**Neurological  
diseases**

**Rare genetic  
diseases**

**Cardiovascular  
disorders**

Gene therapy is a promising treatment for a number of currently incurable neurological diseases, such as Alzheimer's disease, amyotrophic lateral sclerosis, and Parkinson's disease.

Gene therapy is particularly relevant to rare disease patients, as more than 80 percent of rare diseases have a known monogenic (single-gene) cause.