The gene that causes CF, known as the cystic fibrosis transmembrane regulator (CFTR) gene, was discovered in 1989.

Since 1989, scientists have identified approximately 2,000 CFTR mutations.

127 CFTR mutations are known to cause CF.

The chance that a child will have CF when both parents are carriers of a defective CFTR gene is 1 in 4.

A CF carrier is a person who inherits a defective CFTR gene from one parent, and a normal copy from the other.

Child with CF
A child must inherit 2 defective CFTR genes – one from their mother, and one from their father – to have CF.

CF is an autosomal recessive disorder – both copies of the gene in each cell must have mutations.