The evolution of biotechnology over the last century Retro, a monkey cloned by scientists in China, 2024 turns two years old and reopens the debate about human cloning. The gene editing technique known as **CRISPR** bears its first 2022 fruits in the treatment of various diseases, including cancer Biotechnology innovations lead the fight 2020 against the SARS-CoV-2 pandemic. The **first bionic eye** is produced in the US giving 2013 hope to blind people worldwide. A group of researchers from the J.Craig Ventere 2010 Institute creates the first synthetic cell. A draft of the human **genome map** is created 1998 that locates more than 30,000 genes. Scientists introduce the world to Dolly the sheep, 1997 the first **clone** of a mammal. The first genetically 1983 modified (transgenic) plant is presented. An **enzyme** is synthesized 1969 **in vitro** for the first time in history. Biologists James Watson 1953 and Francis Crick describe the double helix of DNA. Canadian scientist Oswald Theordore Avery 1943 discovers that **DNA** is the carrier of genes. Scottish bacteriologist Alexander Fleming 1928 discovers the antibiotic use of penicillin. Hungarian agronomist Karl Ereky coins the 1919 term biotechnology.