

CORE CONCEPTS



Biology



2013

Private Genetic Testing

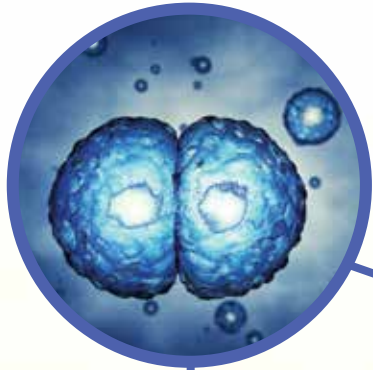
U.S Food and Drug Administration (FDA) directs private genetic testing company 23andMe to halt its health-related personal genetics tests.



1927

Mutation breeding

Scientists discover that they can use X-rays to intentionally mutate plants to help breed plants with more desirable traits.



1875

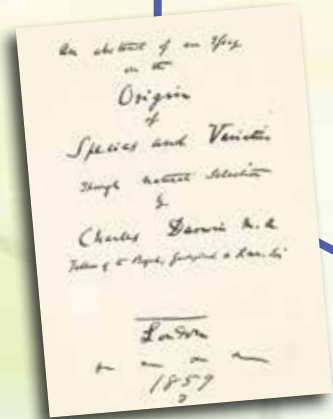
Cell Formation and Cell Division

German botanist Eduard Strasburger (1844–1912) publishes *Cell Formation and Cell Division*, in which he lays down the basic principles of the study of plant cells.

1871

The Descent of Man

Darwin's work *The Descent of Man* concludes that man evolved from apelike ancestors in Africa.



1859

Origin of Species

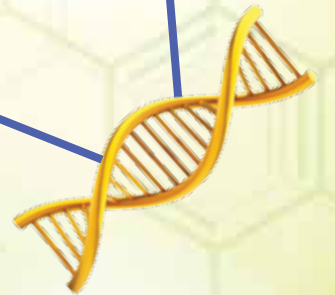
Darwin publishes *On the Origin of Species by Natural Selection*.



1856

Mendel's pea plants

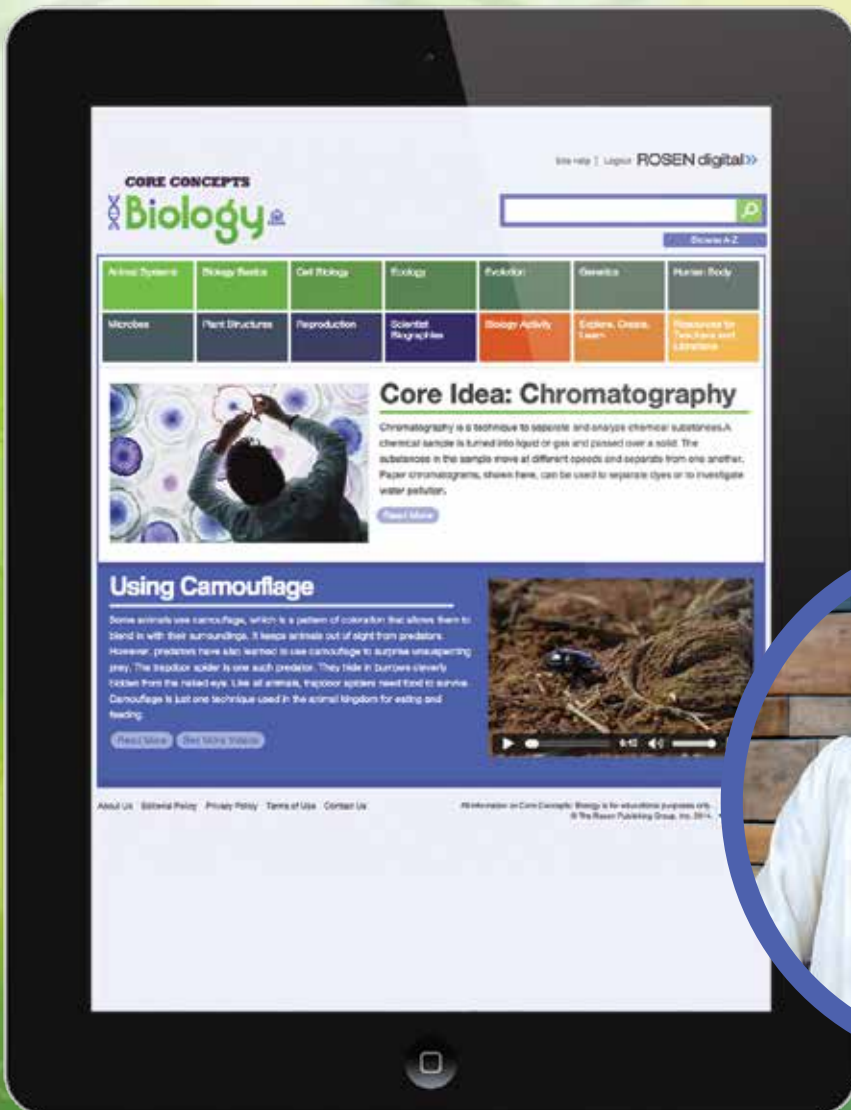
Gregor Mendel (1822–1884) begins his experimentation using pea plants.



1892

DNA and heredity

German biologist August Weismann publishes research showing that DNA is important to heredity.



1838

Theodor Schwann

German physiologist Theodor Schwann (1810–1882) shows that yeast is composed of tiny living organisms.



1835

Darwin on the Galápagos Islands

English naturalist Charles Darwin (1809–1892) notes that different species of Galápagos Island finches seem to have developed from a single mainland-based ancestor.

