Rationally, simplicity has a power to explain complexity. Evolution provides a way to explain the astounding complexity of life from simple beginning.

What is Evolution?

Gradual transition from Simple to Complex

36,000,000,000 years (3.6 billion years)

Paleontological Evidences

Distribution of fossils in earth layers suggests gradual transformation of life from simple to complex.

Anatomical Evidences

Despite highly varied functions, mammalian limbs share same skeletal framework pointing to a common ancestral origin.

Embryological Evidences

Formation of gill clefts and tail in the embryos of tailless vertebrates can be rationally explained only in the light of evolution.

Molecular Evidences

Evolutionary trees based on DNA/protein sequences and structures align neatly with the evolutionary trees based on the homologous morphological and anatomical characteristics.

Before Our Eyes

HIV-AIDS is a relatively recent viral disease, phylogenomic studies demonstrate a common origin of primates SIV and human HIV.

In 1971, scientists transported 5 pairs of insectivore lizards Podacris sicula from island Pod Kopiste to Pod Mrcaru. After 20 years, reanalyses showed that the insectivore lizards evolved in response to Pod Mrcaru vegetations. The changes even observed at the anatomical level for example P. sicula developed cecal valve and broader jaws which were not present in progenitors.