

**Evolution Review: Scientists**

Below are the different scientists who contributed to figuring out how life is generated. Describe their experiments and what we learned from them:

Redi	proved that flies did not spontaneously generate on rotting meat
Spallanzani	studied microorganisms ⇒ life did not come from air force in the air ⇒ sealed boiled beakers = no growth
Pasteur	took spallanzani's idea one step further used curved necks to keep air free flowing but not solid material ⇒ no growth! NO LIFE force in the air!
Miller-Urey	simulated early earth conditions - found amino acids ⇒ supported oparin's hypothesis

Below are scientists who contributed to the theory of evolution. Detail their major contribution to Darwin:

Cuvier	formulated the idea of extinction
Lyell	forces shaping the planet have always been the same & taken long periods of time to shape Earth
Malthus	organisms produce more than can survive ⇒ creates competition
Lamarck	thought about how populations evolve but thought aquired traits were passed on
Wallace	shared similar views on natural selection