How Life Originated on Planet Earth?

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Ever since humanity began to make their settlements on the planet Earth, it has been a source of curiosity for human beings to know how their life begins in this habitat. There are different theories which try to answer the biggest question of all times. In this essay, there will be a discussion about some of the studies relevant to provide better evidence in pursuit of the journey back towards evolution.

There are numerous scientific perspectives in this regard which provide different arguments regarding the origin of life on earth. However, there will be a discussion on only a few of them for this essay. The first perspective on the origin of life comes from Charles Darwin in his famous theory of evolution. In this theory, Charles Darwin proposed that all living things evolve and change in their physical characteristics over a period of time due to the influence of a change in internal factors, such as modification in genetic codes; or a variation in external factors, such as change in environment or habitat surrounding the living beings (Browne, 2016). For example, Darwin argued that evolution in human beings happened due to their transformation from apes. Many scientific schools of thought still consider this theory to be valid in the modern-day research related to the origin of life.

Another perspective which science analyzes in this respective domain is that life on Earth begins with RNA – a molecule that came before the formation of DNA (Higgs & Lehman, 2015). Scientists believe that in the first phase, RNA gave life to all living species on Earth. In the second phase, DNA overtook RNA and assisted the already born organisms to reproduce, evolve and spread throughout the world.

This phenomenon of life is still debatable in modern-day studies of evolution. Even the relevant theories discussed in this essay were criticized in the past and are still arguably among the Science gurus. It is expected that there might not be any definite answer for this question ever as exploring this concept will bring in more ambiguities. This tussle between the scientific schools of thought may continue in the long-term as well.

**References**

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