



## Importance of Biochemistry in Organisms

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The chemistry of living things, a control/field of study which studies the chemistry of life is of interest to scientist as it describes the chemical voters/parts of living and explains the processes involved in their functioning by that/in that way calming the understanding of other health and physical sciences related field for the improvement of people the kindness of people. So, it becomes important to understand how this control/field of study came out/became visible and how its change for the better, over time paved the way for new fields of study to help develop development and man's wellbeing. However, this idea/plan of its origin and change for the better, over time which is important to improve its understanding is usually not given large amounts of attention. Because of this, the very important nature of this chapter is to give a summary of how this control/field of study came out/became visible starting from the origin of life and the change for the better, over time of biomolecules to form living, highlighting on the major voters/parts and macromolecules which govern life processes. Life is the greatest gift of people. Though this question may be very hard to answer or may not even have an answer, we enjoy every second we spend in this world without even try to know how life started and how it has changed and gotten better. Since the chemistry of living things is a control/field of study that studies the chemistry of life, or in other words, studies the voters/parts of living things and the connected functions and activities, it may be of interest to know how this control/field of study came into existence in order to understand the change for the better, over time of living things and the voters/parts that have defined its activities.

This way this chapter will provide a summary of how life started, narrowing the ideas to the scientific point of view and suggesting different claims that tried to support this claim. The change for the better, over time of the first chemical molecules that may likely be the basis to life with experimental setup to support this claim and also how this molecule change and get better to

cells and eventually to animals is also another aspect of serious thought/something to think about/respect. In trying to identify this first molecules, the chemistry of living things came out/became visible, that's the reason for the change for the better, over time of the chemistry of living things, the basic fields of study of its coming into view and the newly-visible fields of study coming from/caused by the chemistry of living things is another aspect of concern. Finally, because living things are made up of different voters/parts, it was of interest to have a summary of these voters/parts; the not related to living things, organic carbohydrates, nucleic acid, proteins and lipids, stating their building blocks and importance and also a briefing on the properties of water that makes it final/very best for life.

The third category of bacteria to come out is the eubacteria. This class of bacteria is more advanced in their structure, properties and activities. These bacteria are capable to take by force/take control of light energy from the health of the Earth/the surrounding conditions and change it into chemical energy through the process of making food from light just like plants and seaweed, etc. Among this category, the cyanobacteria are one of the most advanced, closest to plants and seaweed, etc. and sometimes called the blue-green seaweed, etc. These bacteria, believed to have appeared at least 3 billion years ago have the same kind of chlorophyll colour present in most plants and seaweed, etc., as well as the blue or red colours and produce O<sub>2</sub> as a result of their photosynthetic activities just like plants.

After having structured the change for the better, over time of living, it is important to outline those properties or features/qualities/ traits of these living things that make them worth living. Living things are usually recognized by the power of growth, sense of irritability, breathing and lung related activity, power of reproduction, and ability to hold or do something of movement. However, movement may not necessarily be a unique quality of all living things. Hence, the unique qualities of living things include the following.

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**Received** January 8, 2021; **Accepted** February 15, 2021; **Published** February 25, 2021

**Citation:** Subhalaxmi P (2021) Importance of Biochemistry in Organisms. Biochem Physiol 10: 295.

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