

---

## Inter Linkage between Life Science and Medicine

**Dr. Darshana \*, Dr. Amitabh\*\***

\*M.D.Scholar,\*\*Prof.and H.O.D Deptt.Of Kayachikitsa

\*PG School of Ayurveda &Research, MGG, Punjab

### ABSTRACT

*Life Sciences is the scientific study of living things from molecular level to the ecosystem level, and it involves a study of the interactions of organic molecules to the interactions of animals and plants with their environment. From some of the various branches of Life Sciences, Medicine is one of them.*

*In order to understand the chemistry of living systems, it is important to understand how all living systems are arranged from the smallest unit (atomic scale) to the largest unit (ecosystems). A simple way to describe the levels of organisation of living things can be given as follows:*

*atom molecule cell tissue organ organism ecosystem*

*Medicine & Life science are interlinked with each other. Till we don't understand anatomy, physiology & microbiology of living beings, we can not apply drug on those appropriately & vice-versa. For e.g Both radioisotopes and enriched stable isotopes are essential to a wide variety of applications in medicine, where they are used in the diagnosis and treatment of disease. Like this, a medicine can also imbalance functioning of a living being. For e.g In past Diclofenac Drug was the reason behind the extinction of Vultures.*

**Keywords:** *Life science, Medicine, Ecosystem, Disease*