



## Glossary:

- **Amphipathic:** A molecule having two different affinities, as polar end that is attracted to water and non-polar end that is repelled by water.
- **Canola:** Vegetable oil made from rapeseed, it is high in monounsaturated fatty acid.
- **Interconverted:** Process in which two things are converted into each other form, often as a result of chemical or physical activity.
- **Chylomicrons:** These transport lipids absorbed from the intestines to adipose, cardiac and skeletal muscle tissues.
- **Lipoproteins:** Any group of conjugated proteins in which at least one of the component is a lipid.
- **Mitochondria:** An organelle found in large numbers in most cells, in which the biochemical processes of respiration and energy production occur.
- **Peroxisomes:** A cell organelle containing enzymes, such as catalase and oxidase that catalyze the production and breakdown of hydrogen peroxide.
- **Esterification:** It is the process in which acid is converted into ester by combination with an alcohol and removal of a molecule of water.
- **Transcription:** It is a process by which the information in a strand of DNA is copied into a molecule of messenger RNA (mRNA).
- **Oxidation:** A reaction in which the atoms of an element loses electrons and the valence of the element is increased.
- **Biodiesel:** Fuel that is made from natural elements such as plants, vegetables etc.
- **Photo-oxidation:** It is a process in which there is degradation of polymer surface in the presence of oxygen or ozone.