**Difference between Competitive Inhibition and Allosteric Inhibition**

**The upcoming discussion will update you about the differences between Competitive Inhibition and Allosteric Inhibition.**

**Difference # Competitive Inhibition:**

1. The inhibitor binds to the active site of enzyme.

2. It does not change conformation of enzyme.

3. The active Site is swamped by inhibitor.

4. The inhibitor resembles the substrate in its broad structure.

5. The inhibitor is not connected by metabolic pathway catalysed by the enzyme.

6. It does not have a regulatory function.

**Difference # Allosteric Inhibition:**

1. The inhibitor attaches to an area other than the active site.

2. Conformation of enzyme is changed.

3. Conformation of active site is changed so that substrate cannot combine with it.

4. The inhibitor has no structural similarity with the substrate.

5. Inhibitor is a product or intermediate of the metabolic pathway connected with that enzyme.

6. Allosteric inhibition has a regulatory function as it stops the excess formation of a product.