

Take-home Message

- * the particular amino acids sequence of a protein determines how it folds into a particular shape.
- * this shape determines many of the protein's, such as which molecules it will interact with.
- * When a protein's shape is deformed, it usually loses its ability to function.
- * Enzymes are proteins that initiate + speed up chemical reactions. things that change the rate are:
 - 1) Heat
 - 2) Enzymes
- * Anything ending with ose is a sugar (ie: lactose). Anything ending in 'ase' is an enzyme (ie: lactase).
- * If the enzyme has the wrong shape, it can't grab onto the enzyme. Example is lactose-intolerance.
- * Enzymes break down sugars they fit together like a key to a lock.