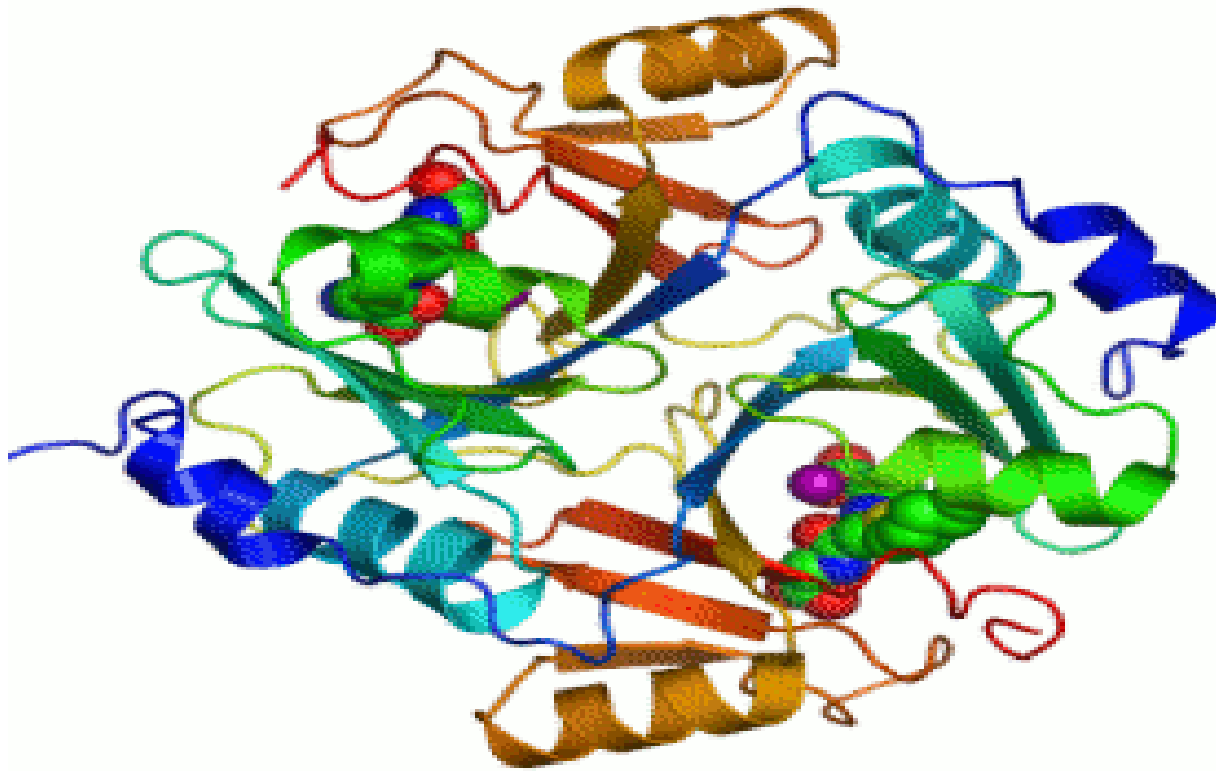


FOOD AND ENZYMES



INTRODUCTION

- They are biomolecules that catalyze (i.e. increase the rates of) chemical reactions.
- Digestive enzymes are secreted in the gastrointestinal tract E.g. amylase, protease, and lipase.

INTRODUCTION

- They break down food particles, enabling nutrients to be absorbed into the bloodstream.
- Almost all enzymes are proteins.

EXAMPLES

➤ Amylase

➤ Lipase

➤ Protease

➤ Papain

➤ Trypsin

➤ Isomerase

➤ Glucanase

➤ Cellulase

ROLES

- Catalyze breakdown of starch in the flour to sugar.
- Split polysaccharides and proteins in the malt.
- Remove cloudiness produced during storage of beers.

ROLES

- Clarify fruit juices
- Used in manufacture of cheese, used to hydrolyze protein.
- To soften meat for cooking

YOUR CAREER

YOUR FUTURE

YOUR ABILITY

YOUR SUCCESS

YOUR DREAMS

 **0 7830294949**

Gautam Singh , Hospitality Trainer , 07830294949