

Remember: living things must maintain a stable internal environment

- use chemical reactions to do so
- Chemical reactions need energy to get started - activation energy
- in these reactions, biomolecules must collide in a specific orientation (lock + key)

ENTER: enzymes

enzymes - made of protein (amino acids)

- molecules that increase speed of reaction by lowering temperature needed for a reaction to occur
AKA decreasing activation energy

* this helps the organism maintain homeostasis

