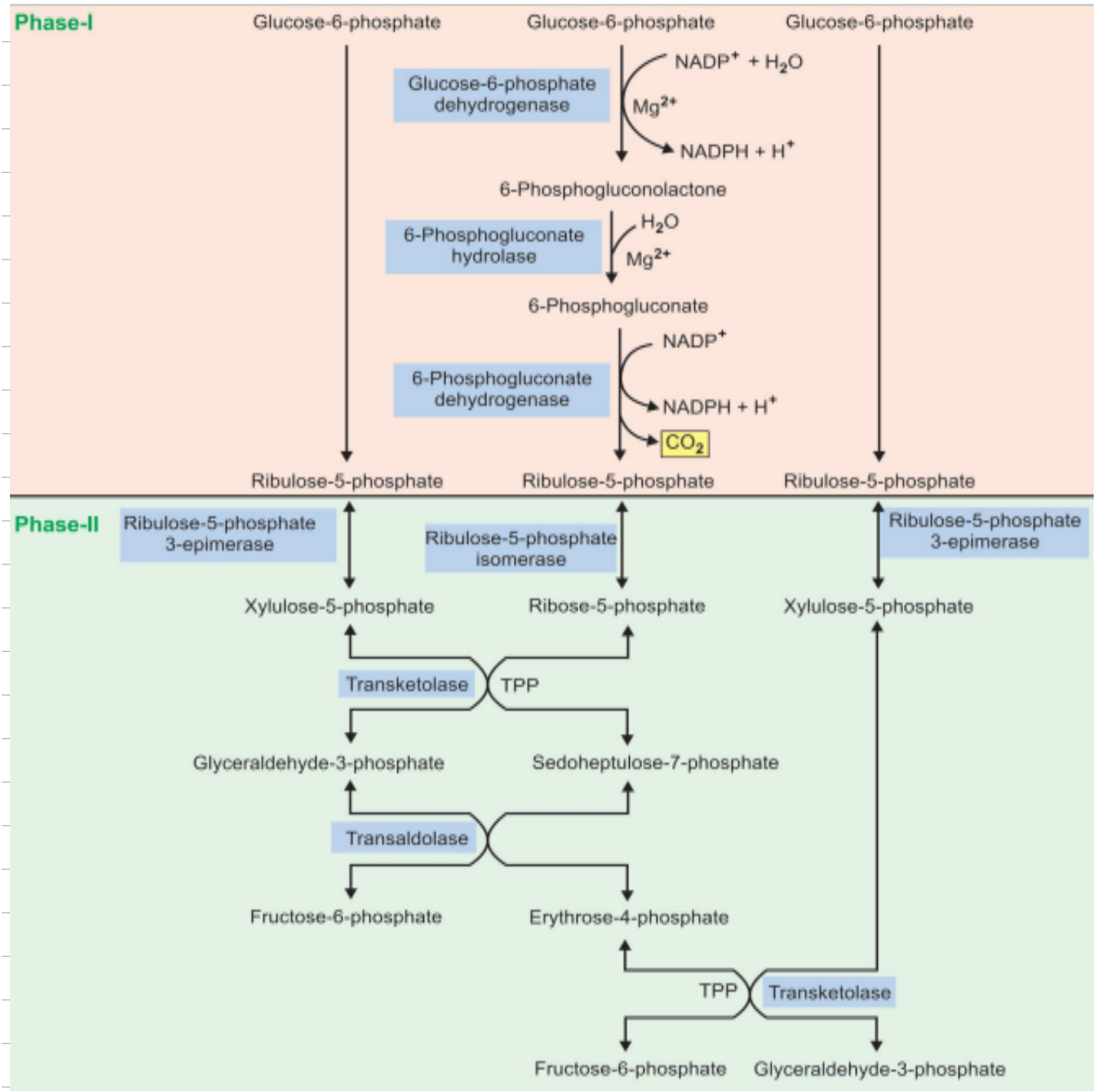
Chapter 18
HMP shunt



HMP shunt -

A/C/A-

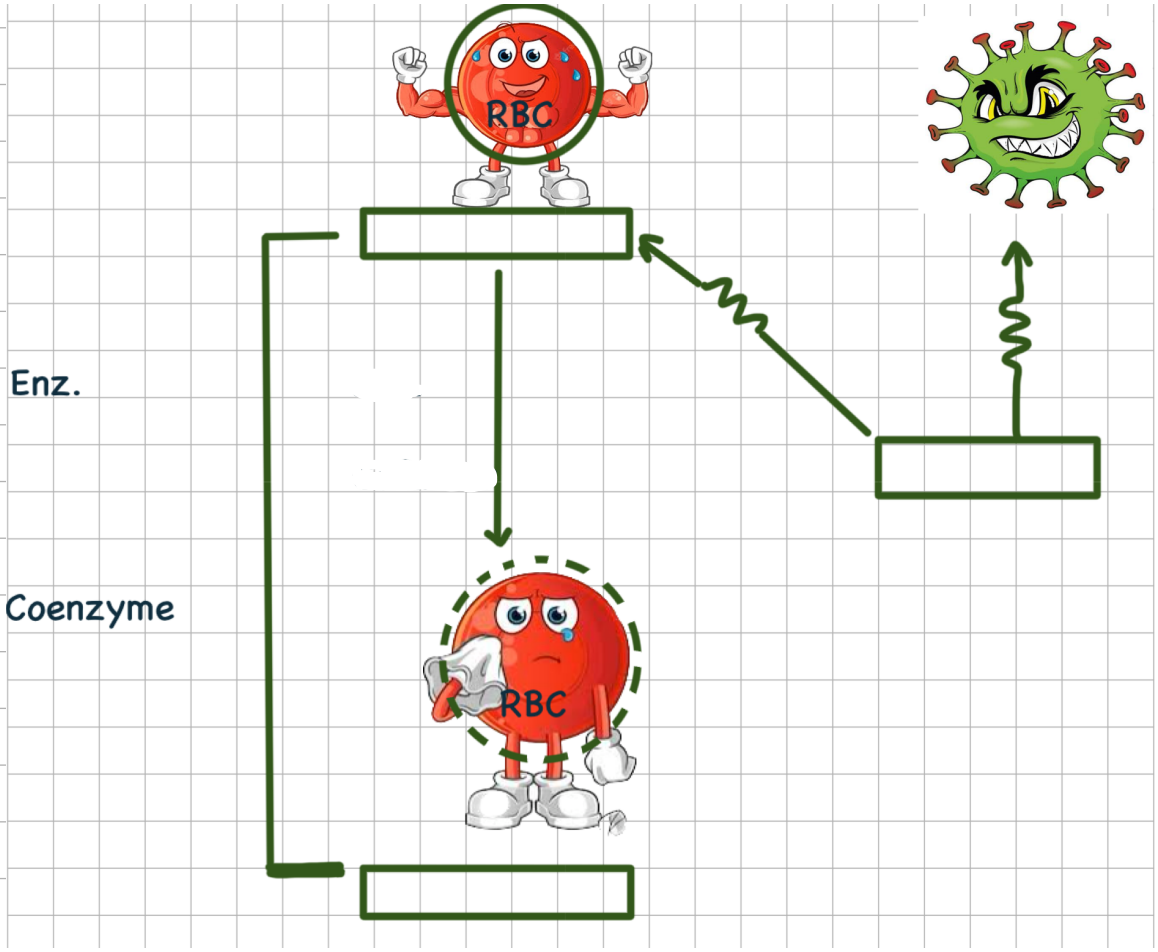
Function -

Enzyme -

Conclusive reaction of HMP shunt -

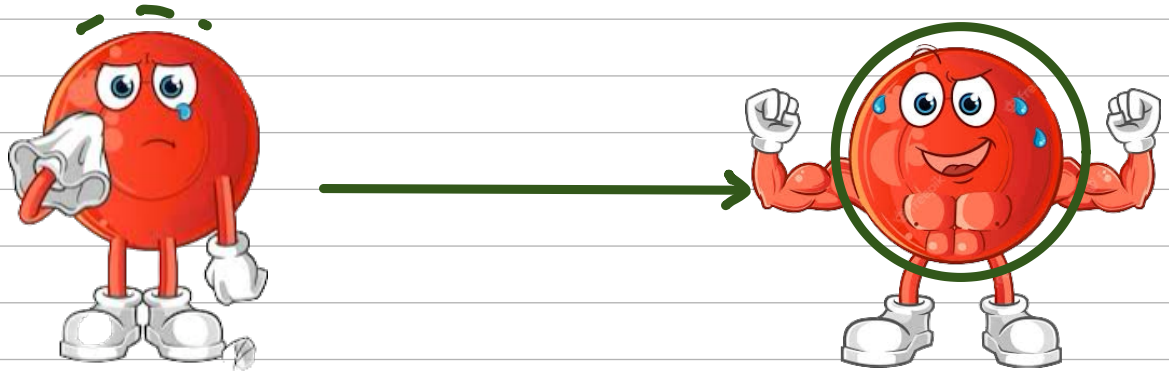
Function of NADPH

1.



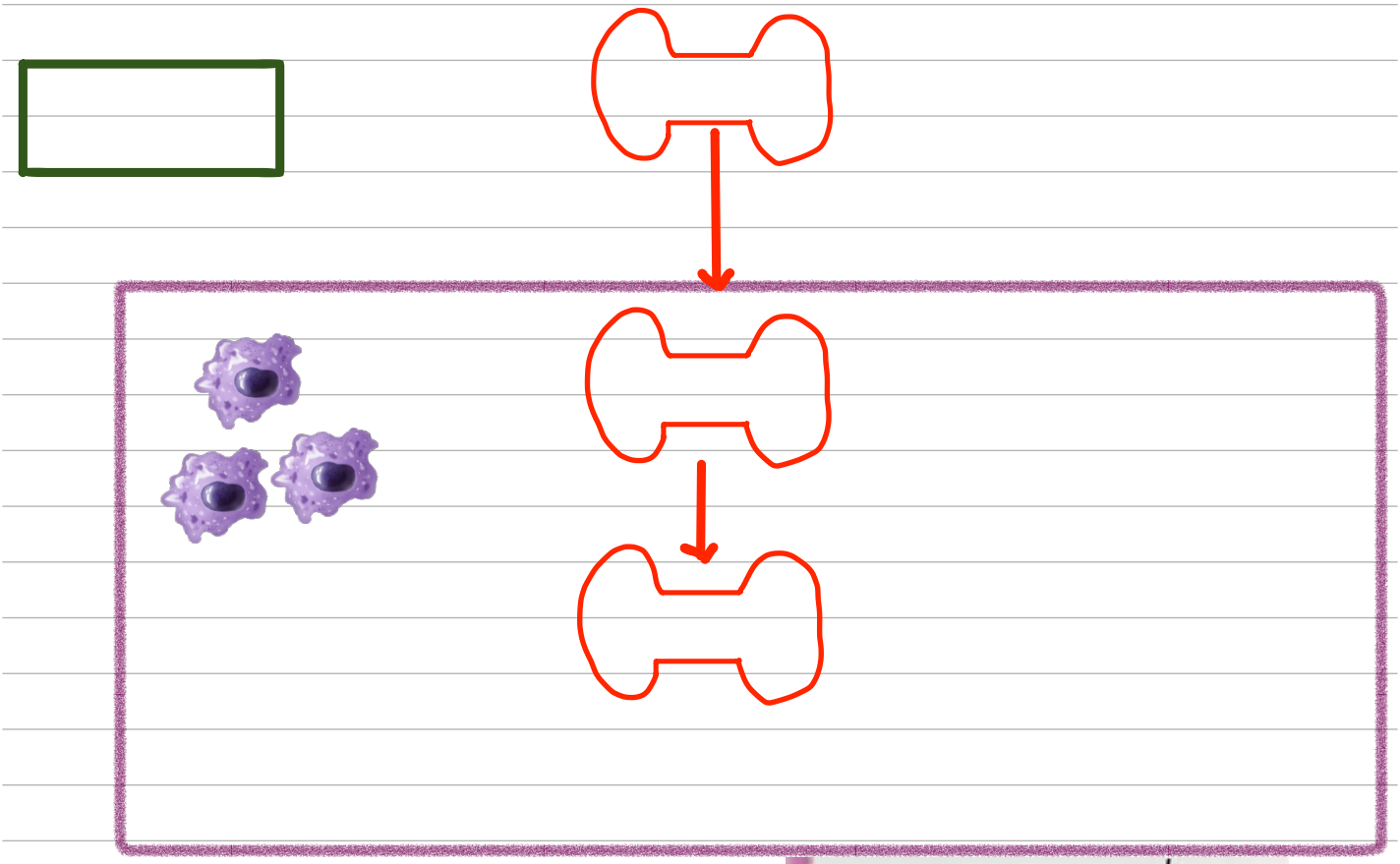
Clinical co-relation

Glu-6-po4 Dehydrogenase



G-S=S-G

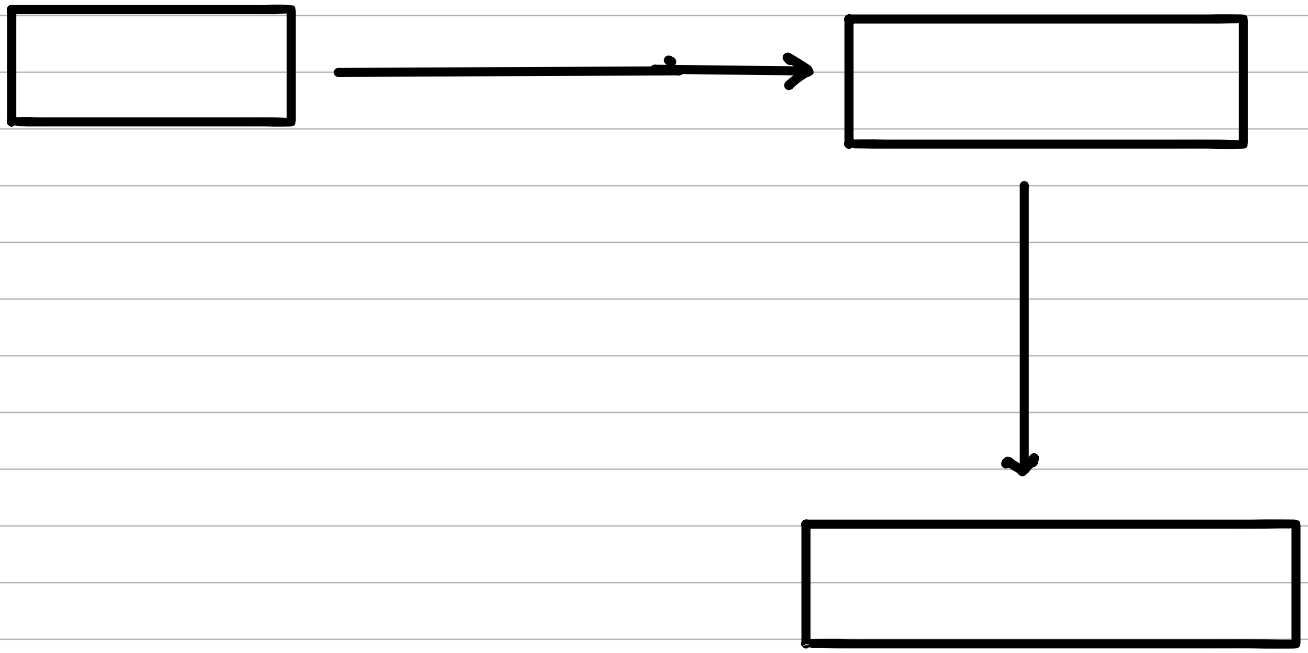
G-SH-SH-G





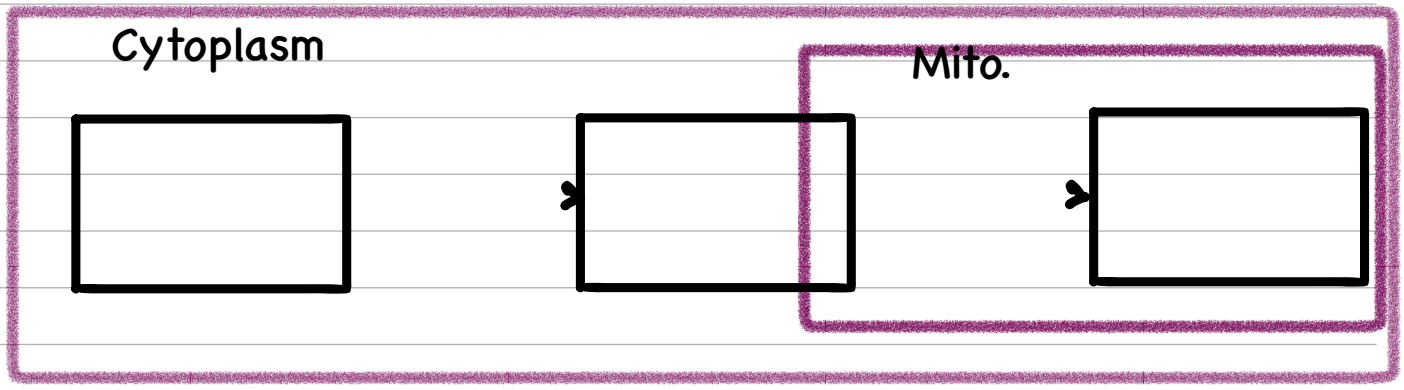
Other uses of NADPH -

Chapter 19
Uronic acid pathway & Alcohol



Due to physiological absence of ……
, ascorbic acid (vit C) cannot be synthesized in humans.

Alcohol



Pharma connection

Ethanol dehydrogenase inhibitor -
Acetaldehyde dehydrogenase inhibitor