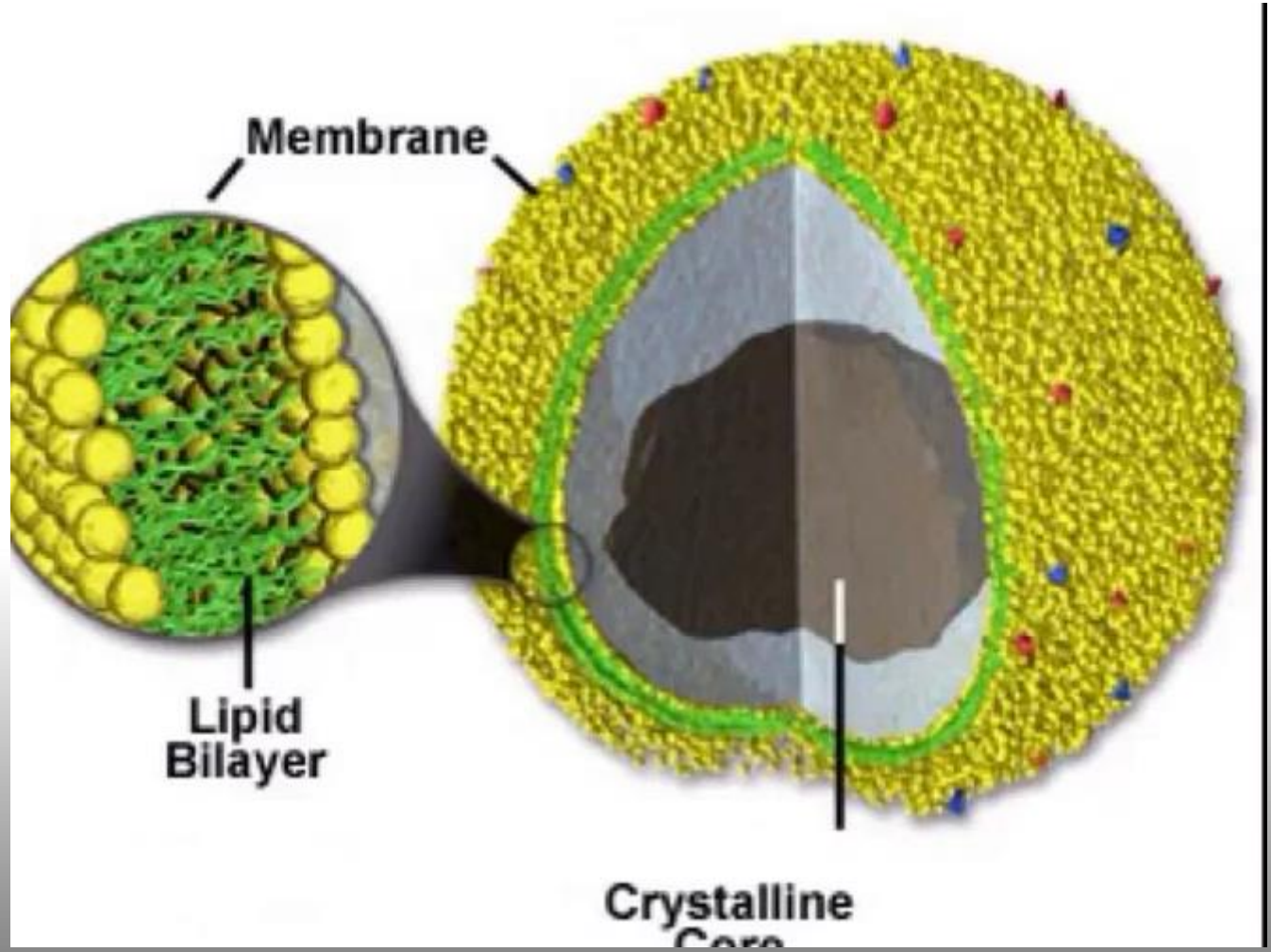
PERIXOSOMES

DR ZAID O IBRAHEEM, BAGHDAD, IRAQ



PERIXOSOMES

- They are single membrane bounded organelle exists as spherical vesicles containing a group of enzymes; involved in waste products detoxification and fatty acids breakdown .

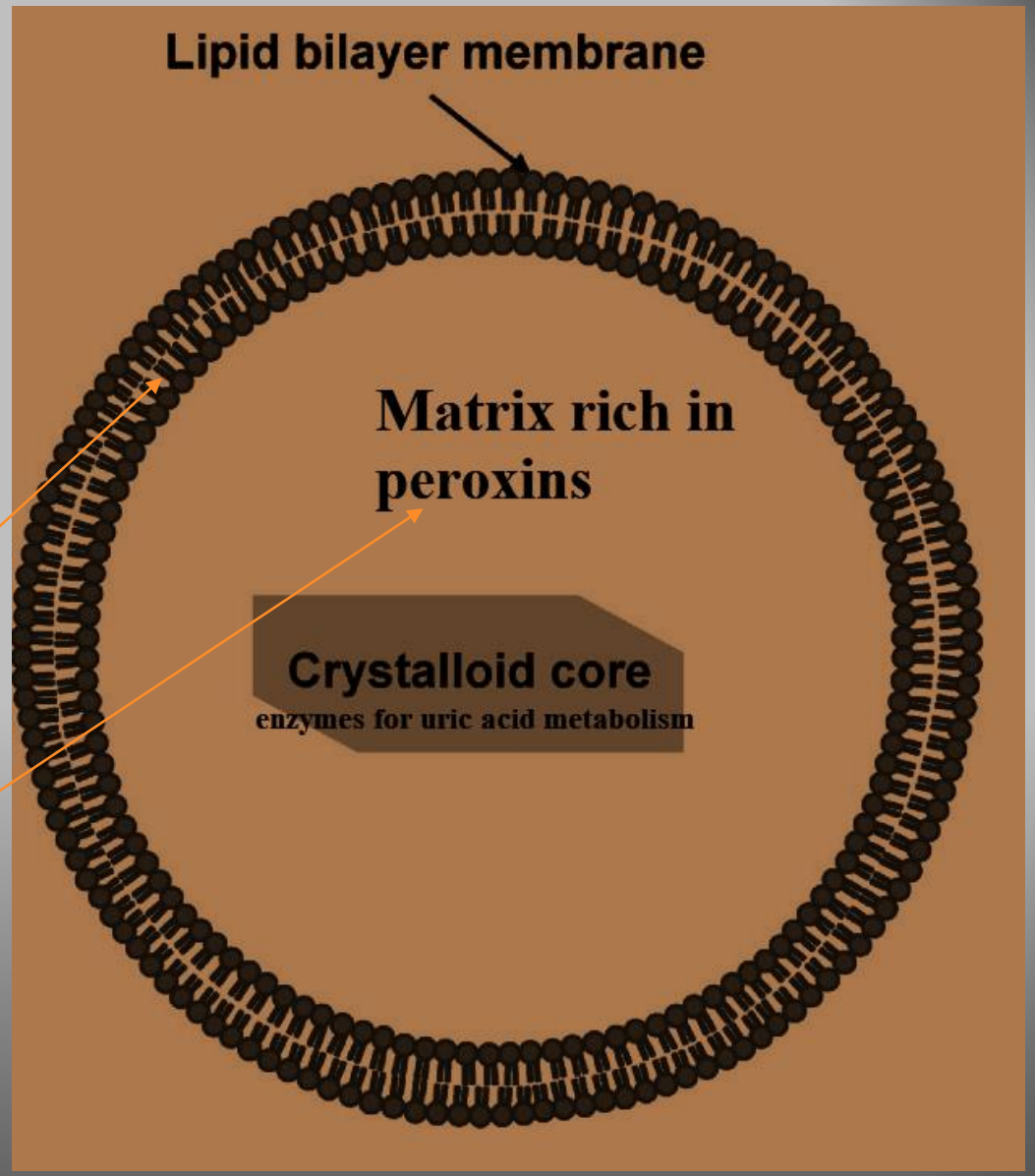
Content

Perixosomes membrane

A single unit membrane that surrounds the lysosomes.

- Peroxines

A group of perixosomal enzymes involvedin different detoxifcation processes .



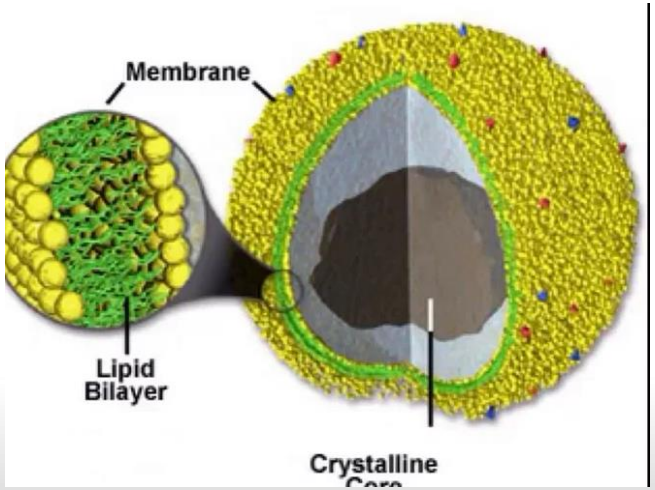
PERIXOSOMES FUNCTION

FATTY ACID BREAKDOWN

Breakdown of fatty acids to acetyl Co-A

REMOVAL OF URIC ACID

waste product of proetisn metabolism)



MOP OUT FREE RADICALS

Removal of hydrogen peroxide which is released as a by product of metabolism process.

DRUGS DETOXIFICTION


THANK
YOU