

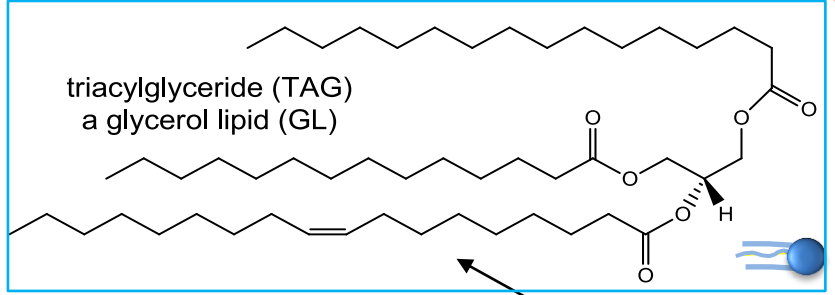
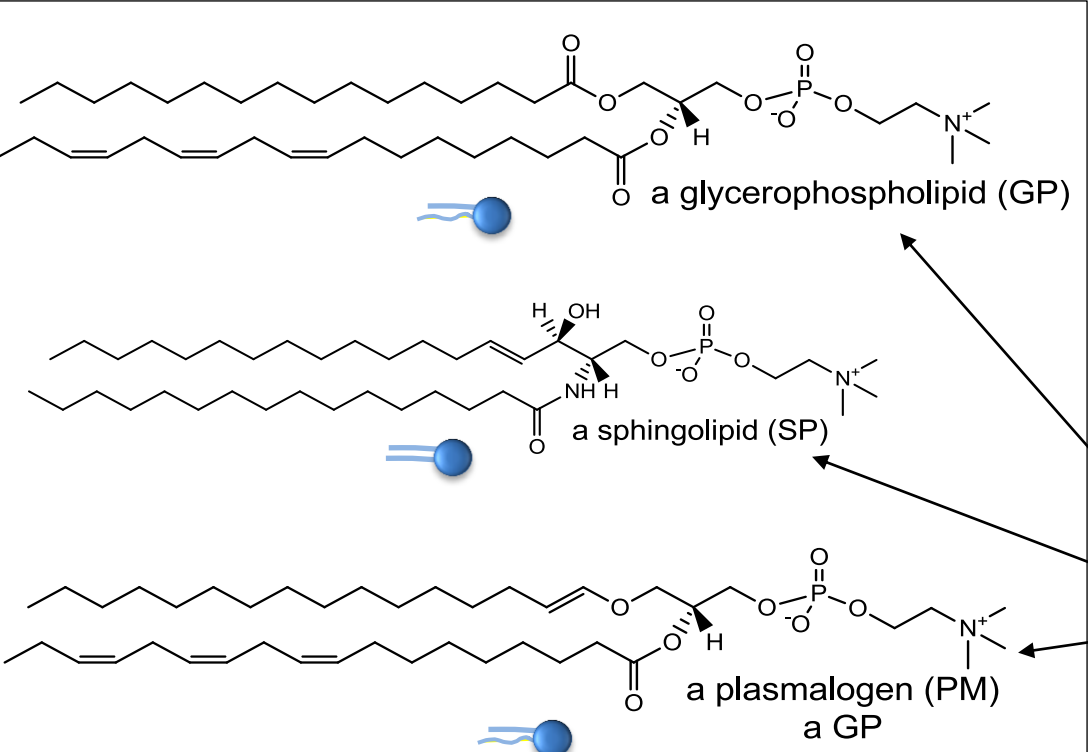
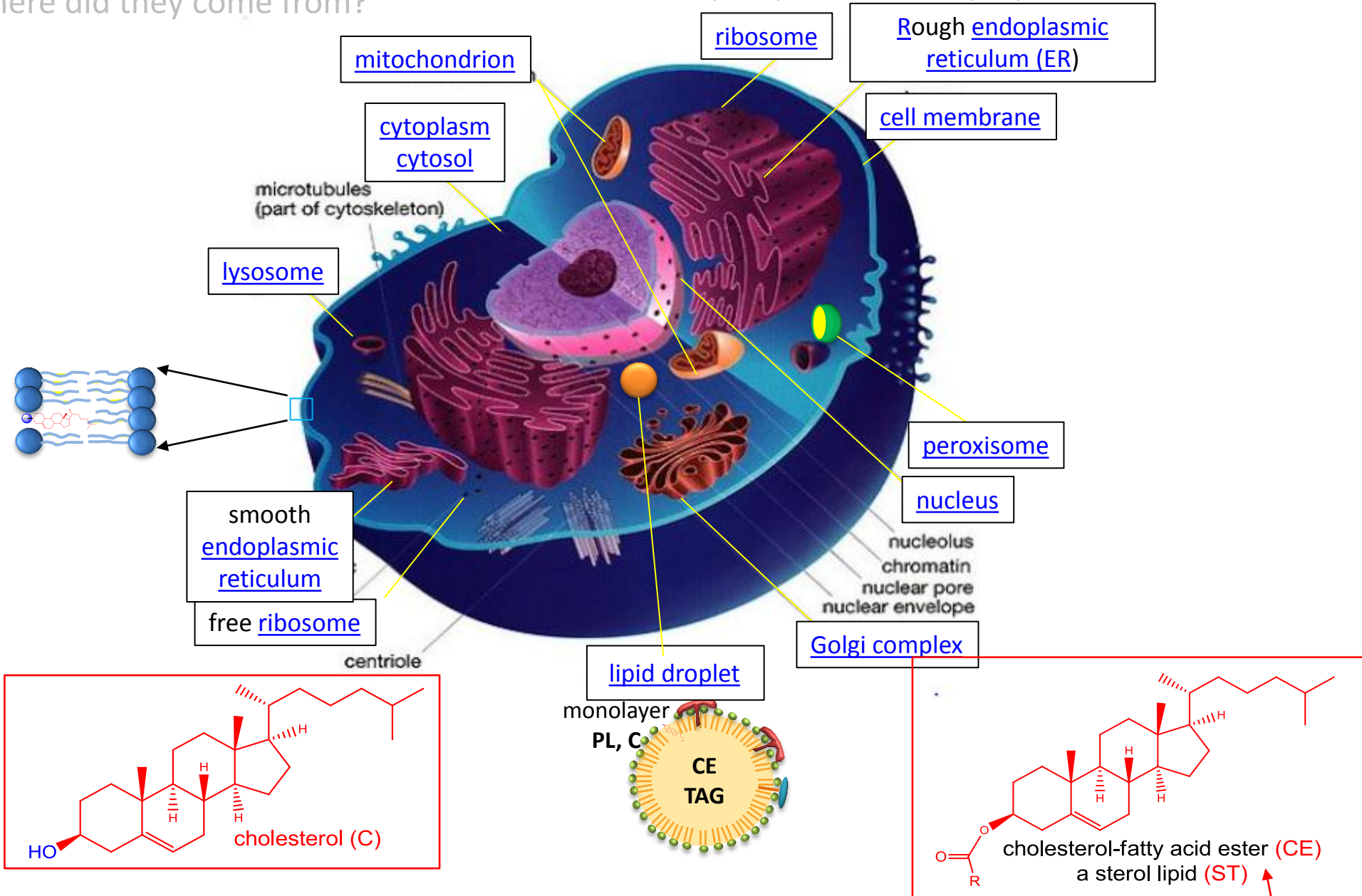
1. What are the main classes of lipids?

2. Where are they found in the cell?

3. Where did they come from?

LIPIDS

hydrophobic or amphipathic small molecules



Fatty acids

- Free (toxic unless esterified)
- Esterified in glycerophospholipids, sphingolipids, glycerol lipids and sterol lipids

saturated fatty acid (FA)

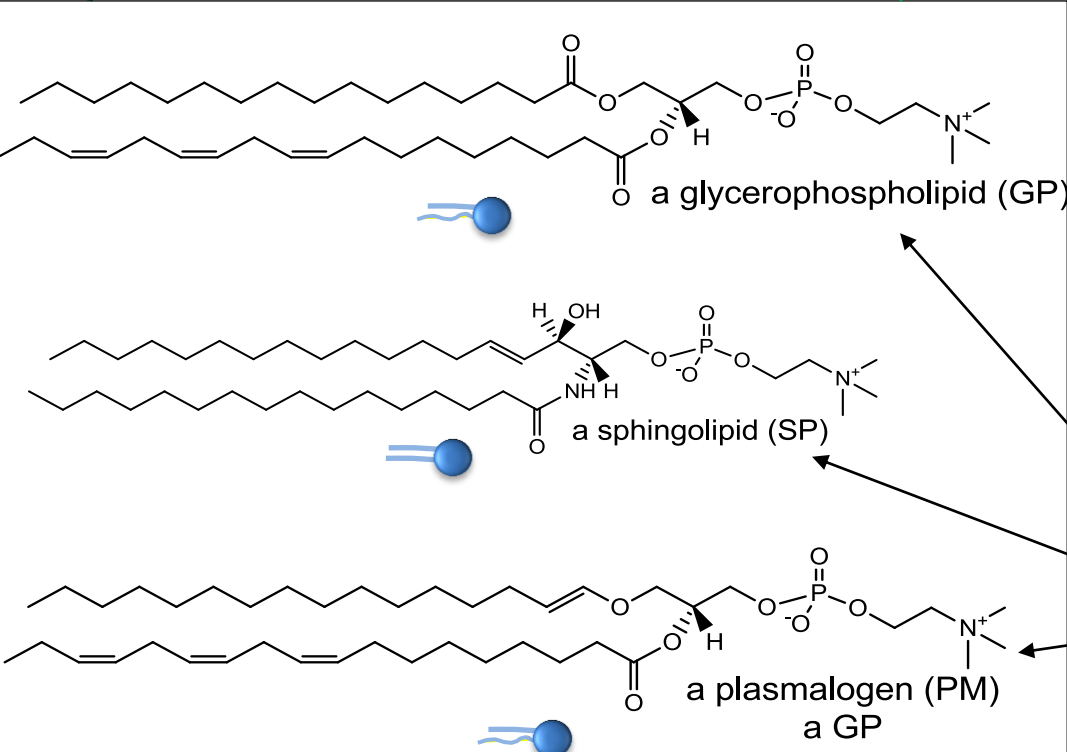
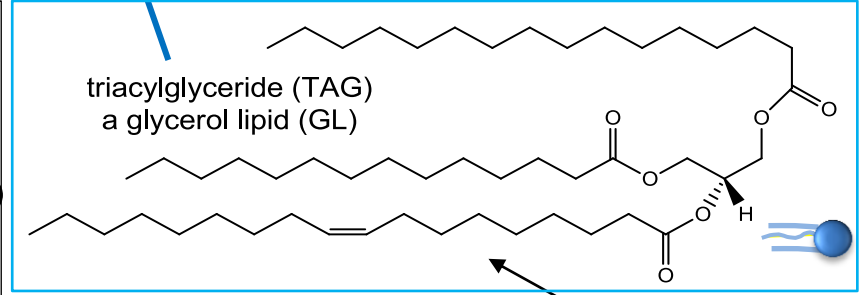
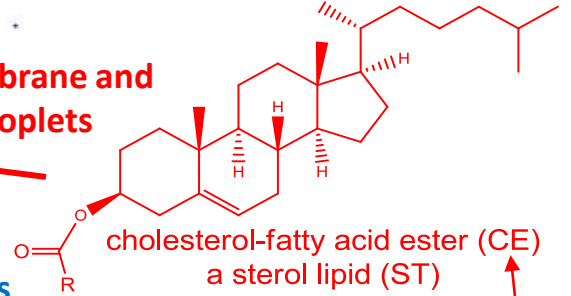
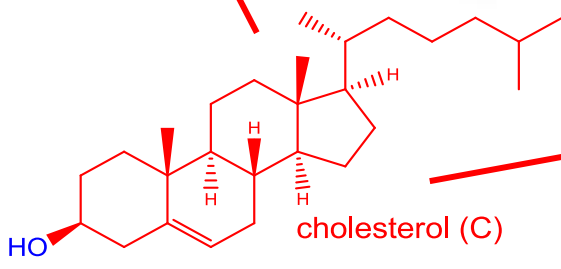
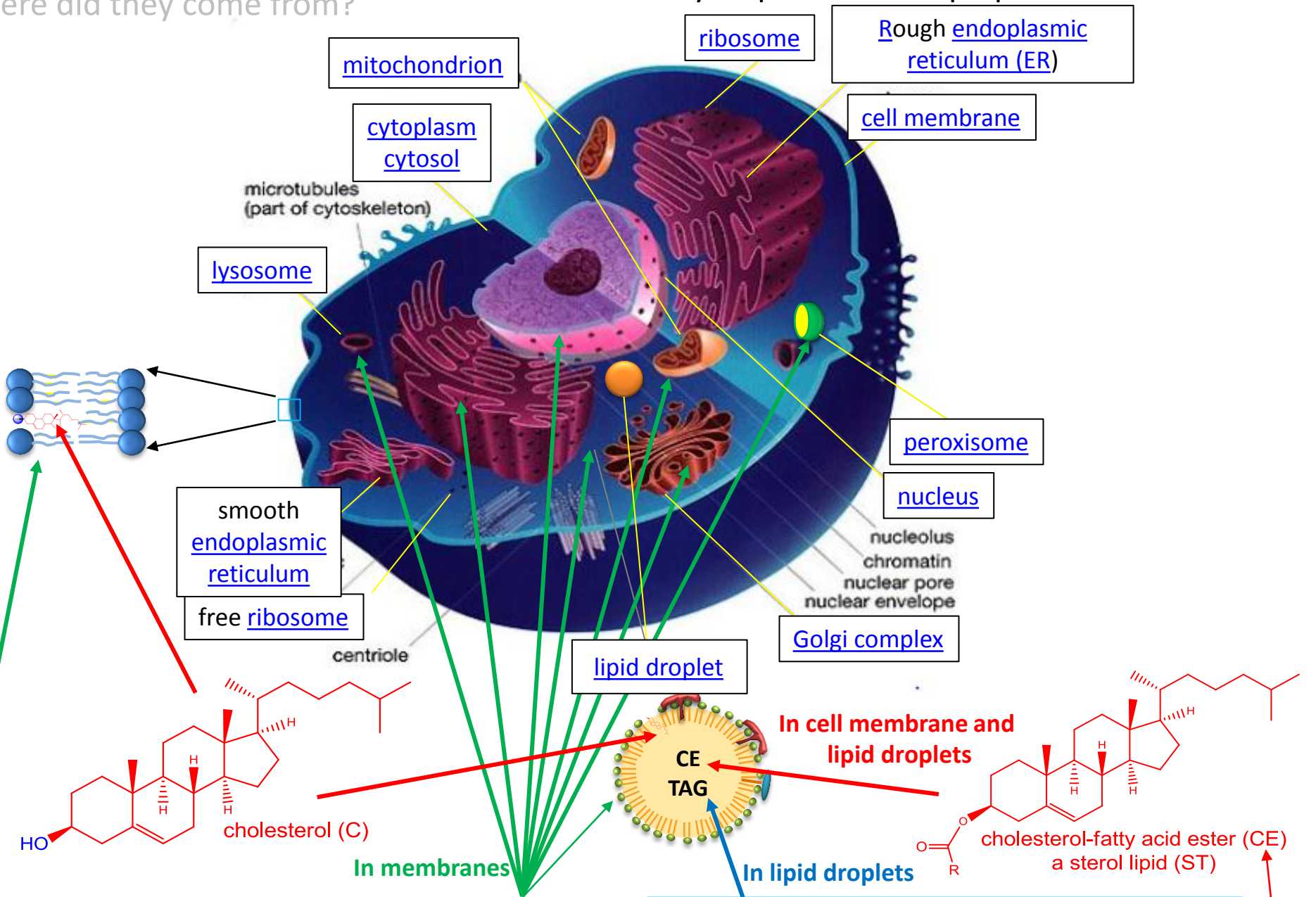
polyunsaturated fatty acid (puFA)

Lipids Classes

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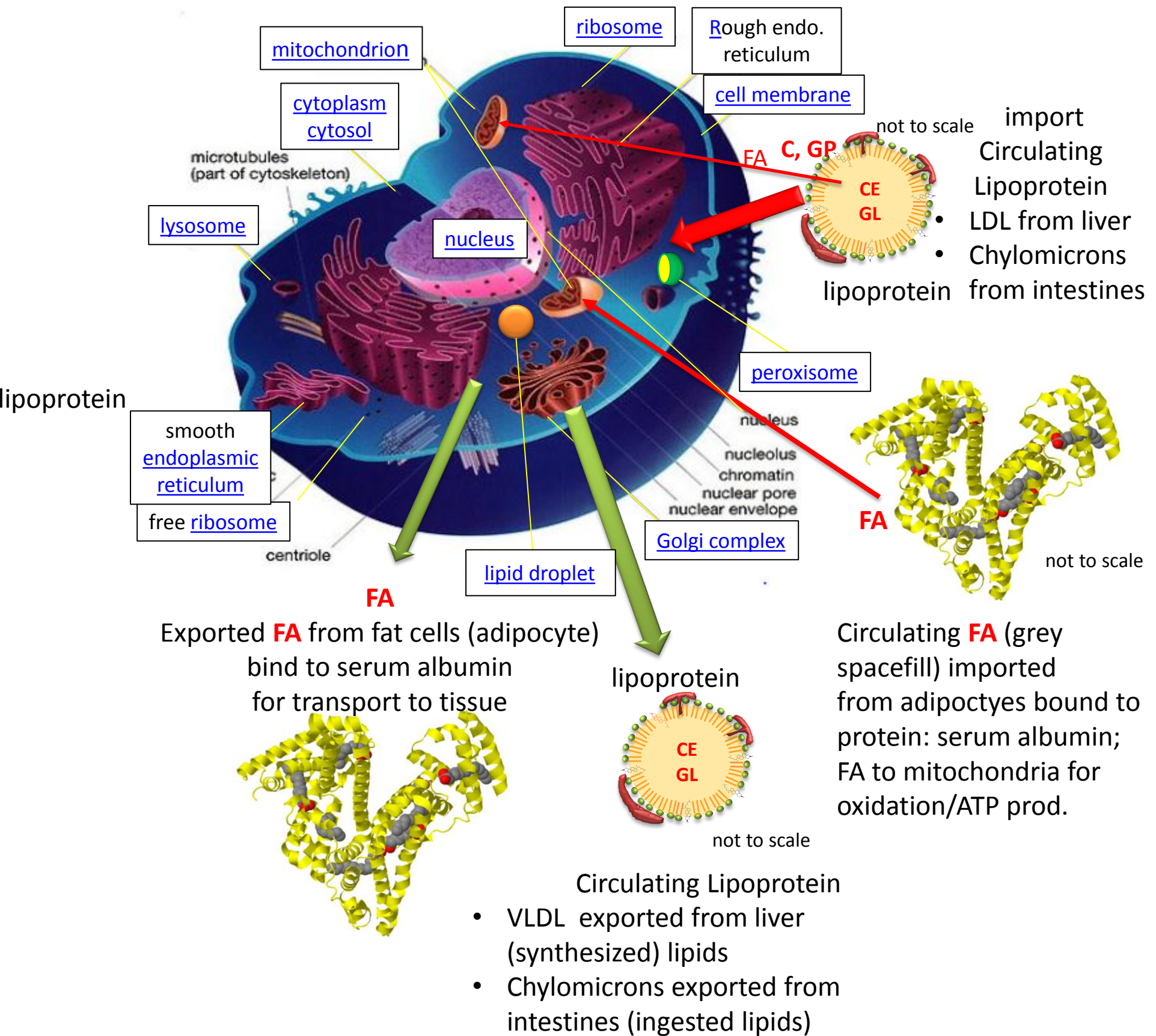
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Lipids Classes

LIPIDS

1. What are the main classes of lipids ?
2. Where are they found in the cell?
3. Where did they come from? **Import /Export** and Synthesis/Trafficking



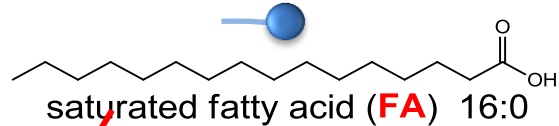
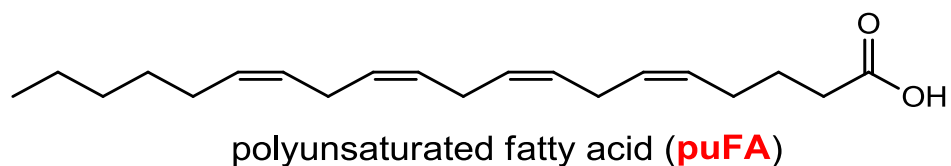
IMPORT/EXPORT

1. What are the main classes of lipids?

2. Where are they found in the cell?

3. Where did they come from? Import and Synthesis/Trafficking

LIPIDS



synthesized in cytoplasm
Mostly in liver, mammary tissue

