

TeachMe

STUDY NOTES

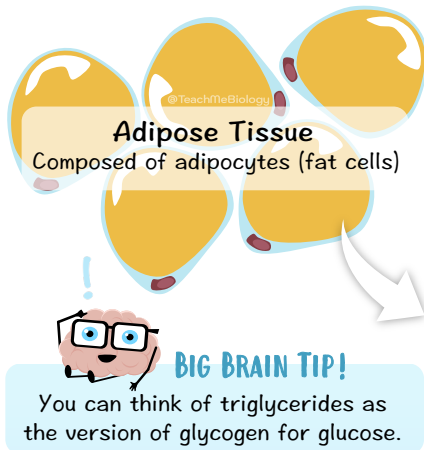
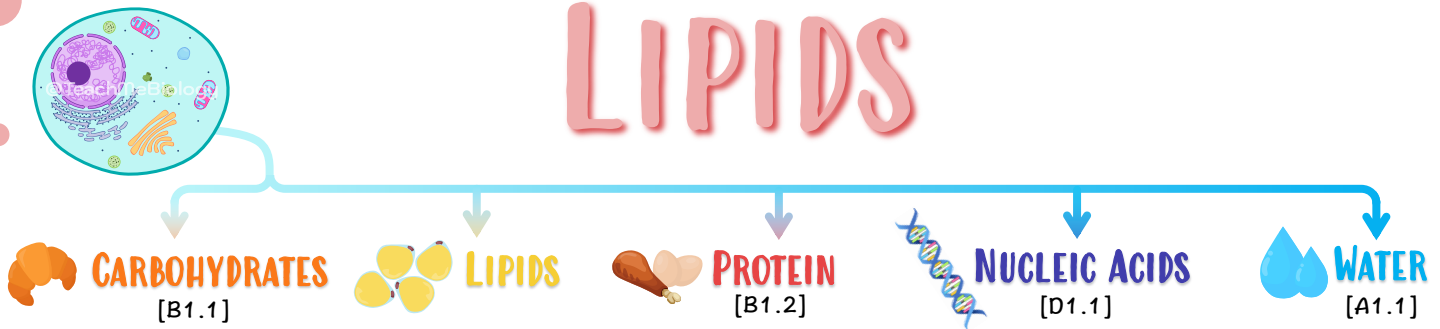


B1.1 LIPIDS

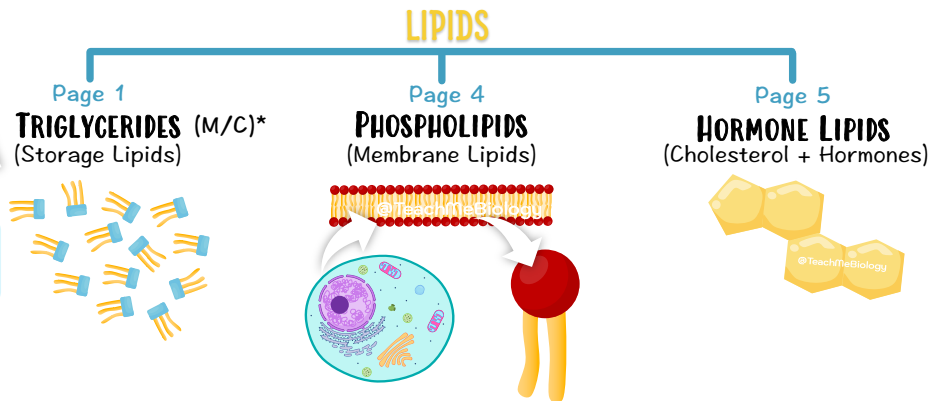
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LIPIDS

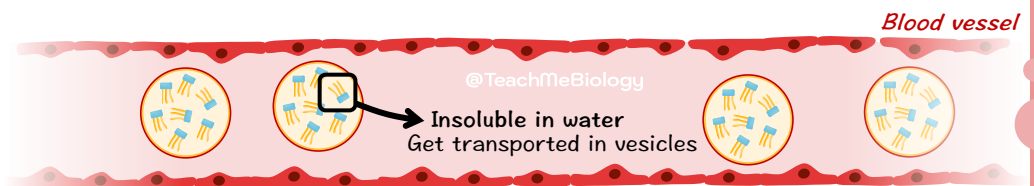
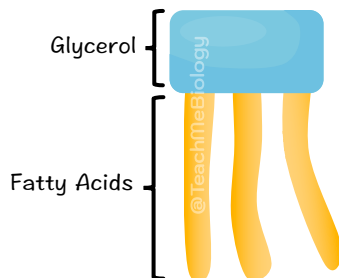


Lipids are molecules composed of carbon, hydrogen, oxygen and phosphorus. You learn about three main types of lipids, mainly focusing on **TRIGLYCERIDES** (which are the storage form of lipids) and **PHOSPHOLIPIDS** (which make up the plasma membrane).



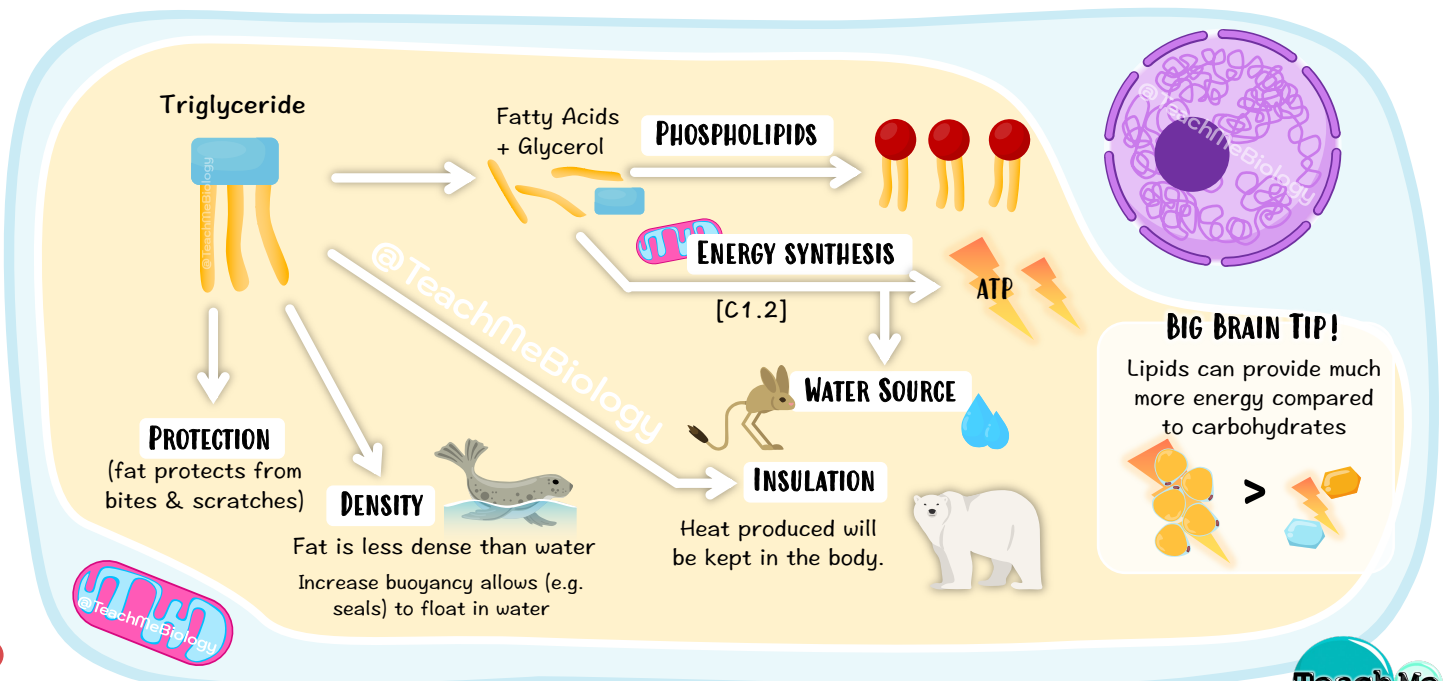
Notice how lipids are not considered when it comes to the idea of monomer and polymer: as it is not a repeat of the same monomer!

TRIGLYCERIDES



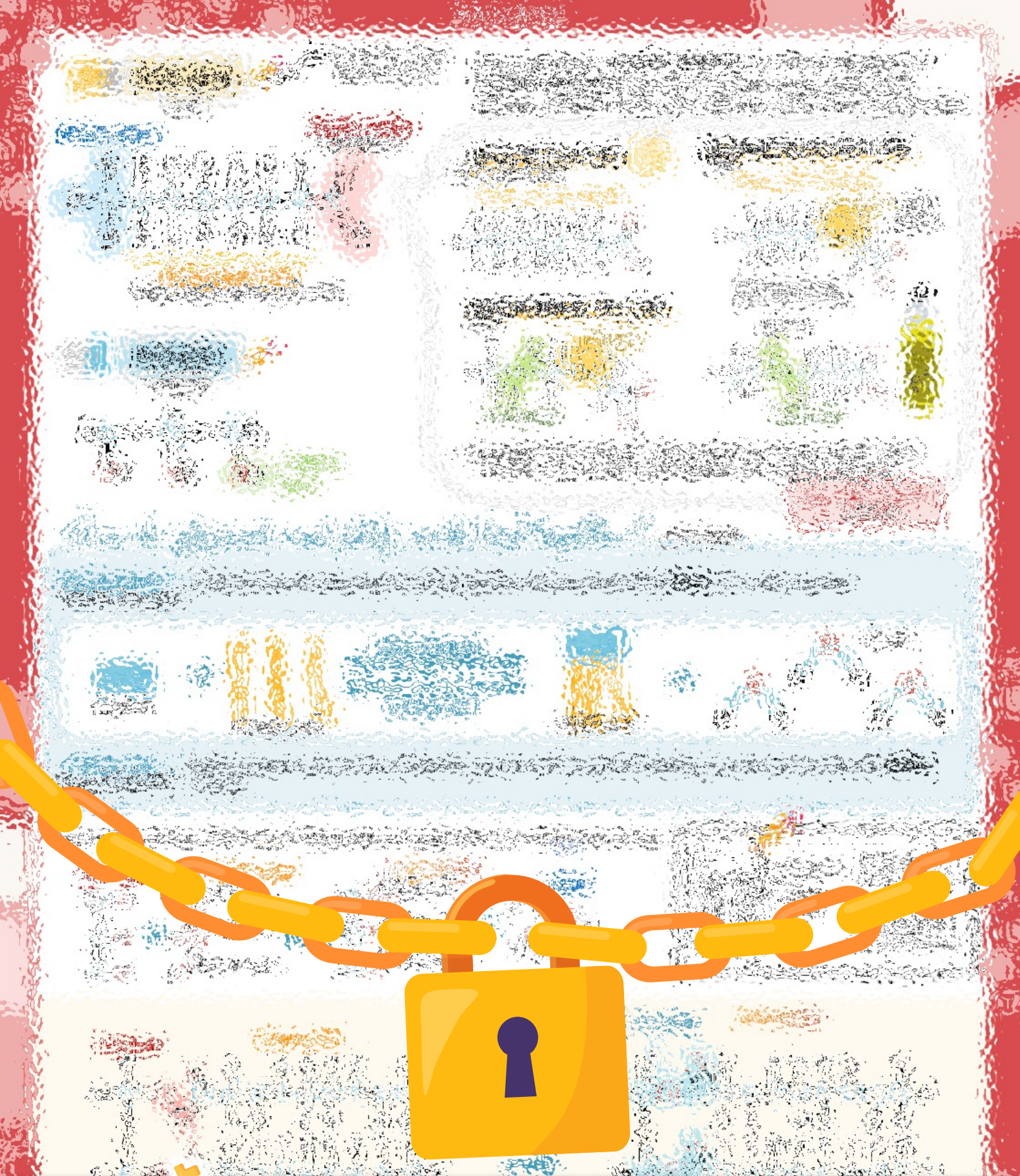
Triglycerides are non-soluble (don't dissolve in water), they therefore need to be transported via the blood within vesicles. Triglycerides are then stored in adipocytes.

They are made up of one **GLYCEROL** and three **FATTY ACIDS** (structure on page 2) and serve many purposes:



*M/C: abbreviation for "Most Common".

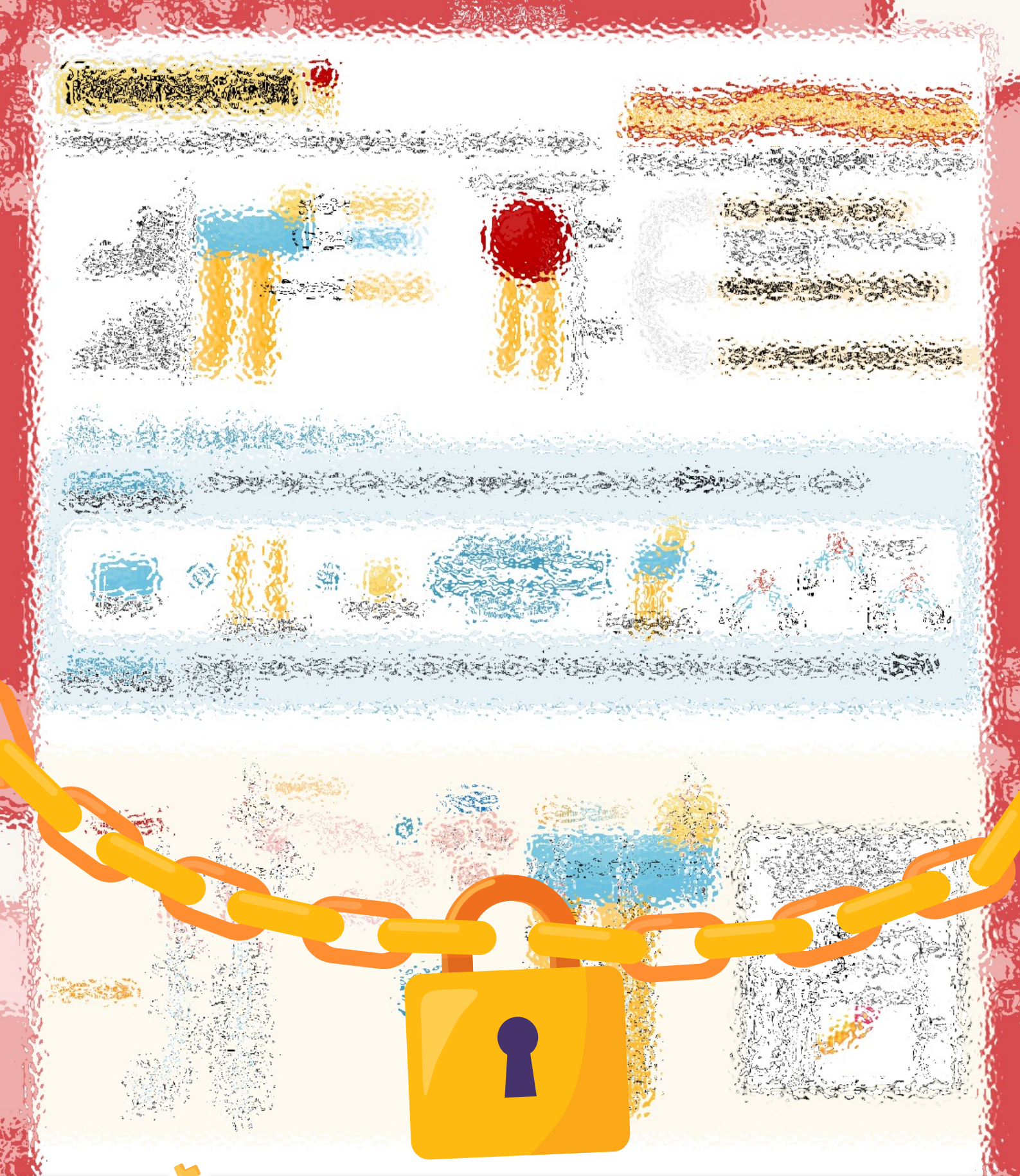
Some Adipocyte (fat cell)



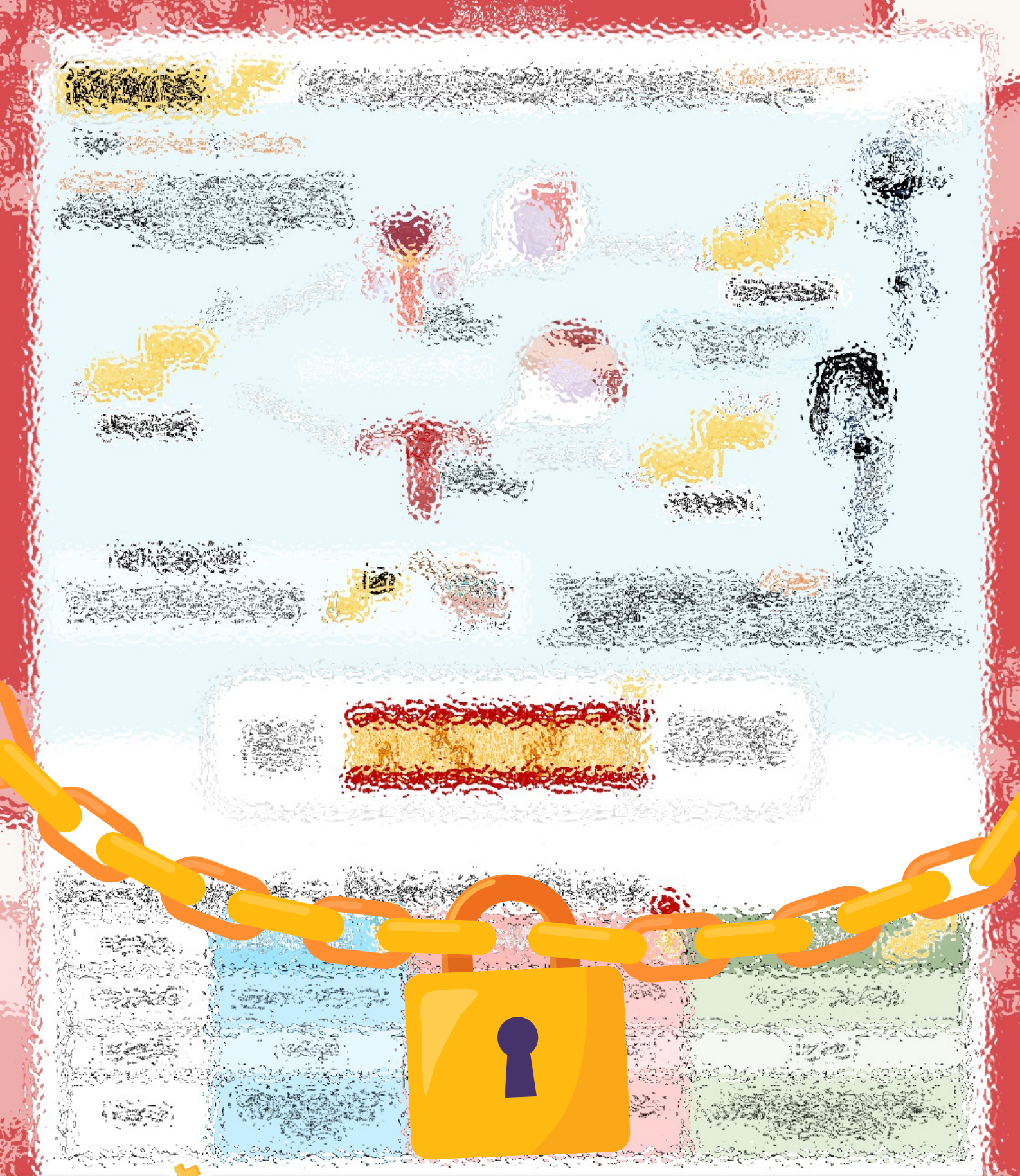
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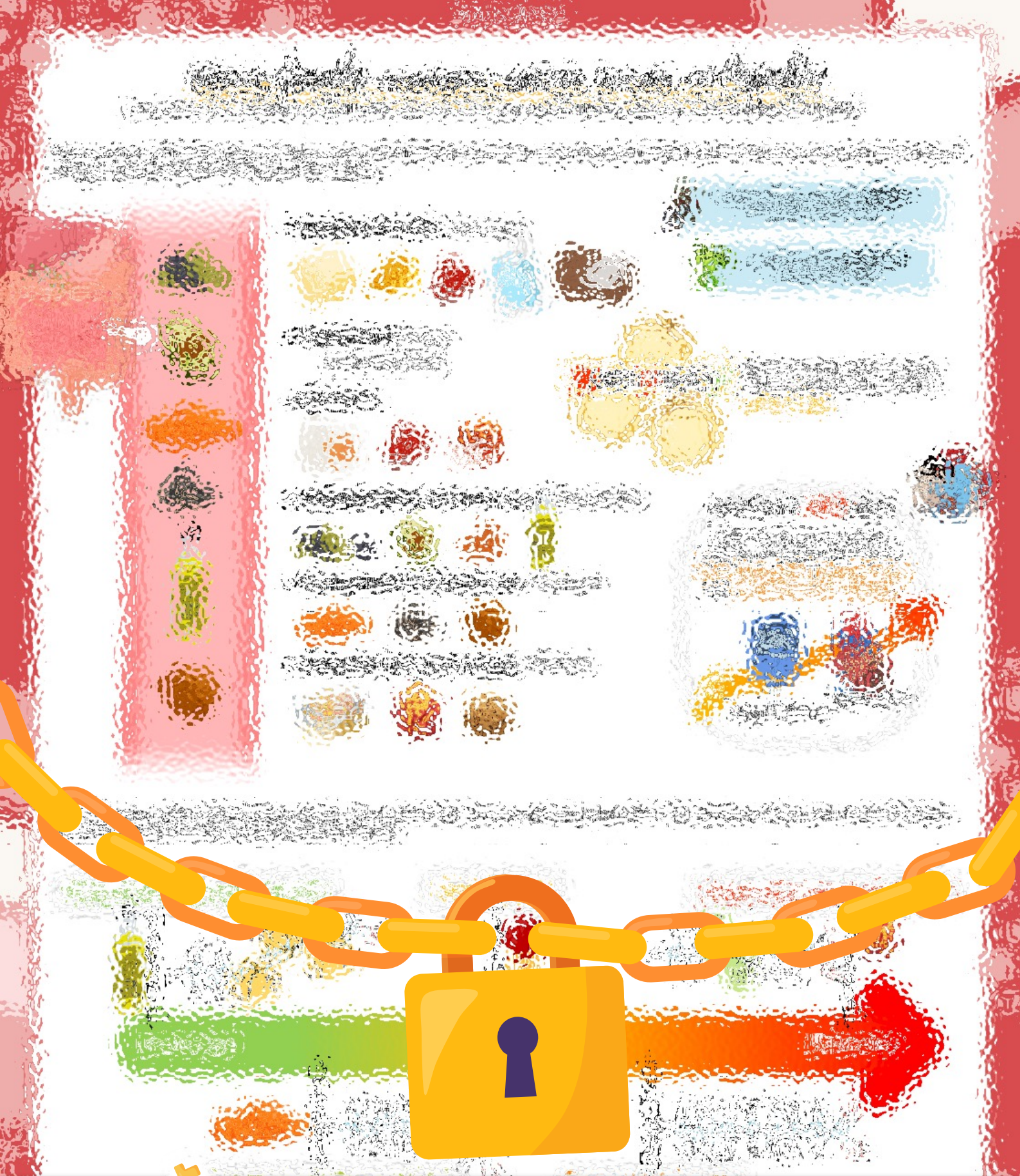
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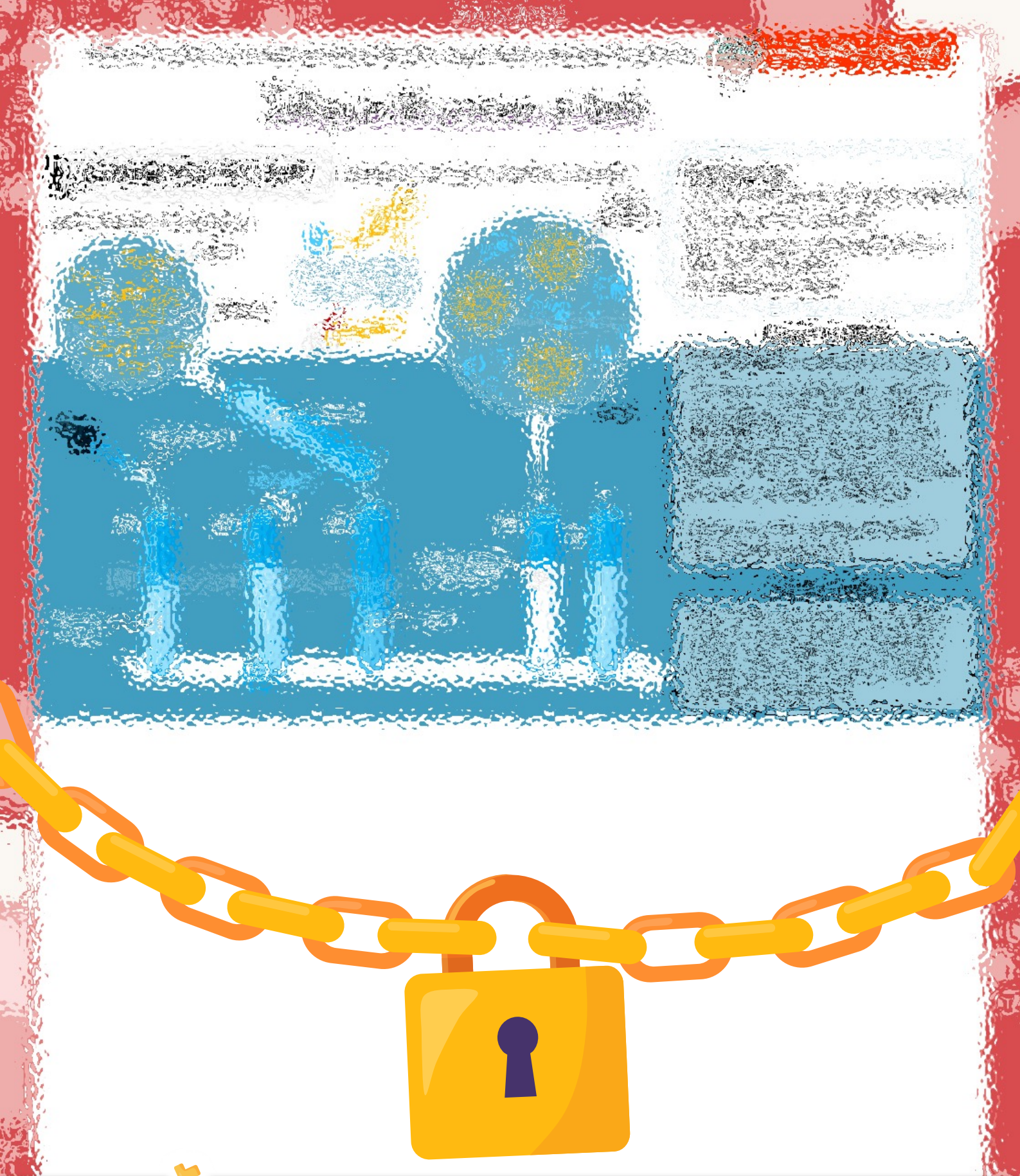
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