

*Prokaryotes have no nucleus, Eukaryotes have a nucleus. Oldest Prokaryotes. Prokaryotes do not have Organelles, basically have DNA floating around in the cytoplasm. Least complicated, prokaryote. Eukaryotes a lot more complex and 10 times bigger. They also have Organelles. They have more functions. They stay together because the DNA tells them too. All eukaryotic cells have a nucleus. Red blood cells do not have a nucleus. Red blood cells only carry oxygen. They are in the beginning the same as white blood cells. A stem cell is a generic cell that turns into cells when needed.*

*Do organisms grow by making bigger cells*

*No they divide to create cells.*