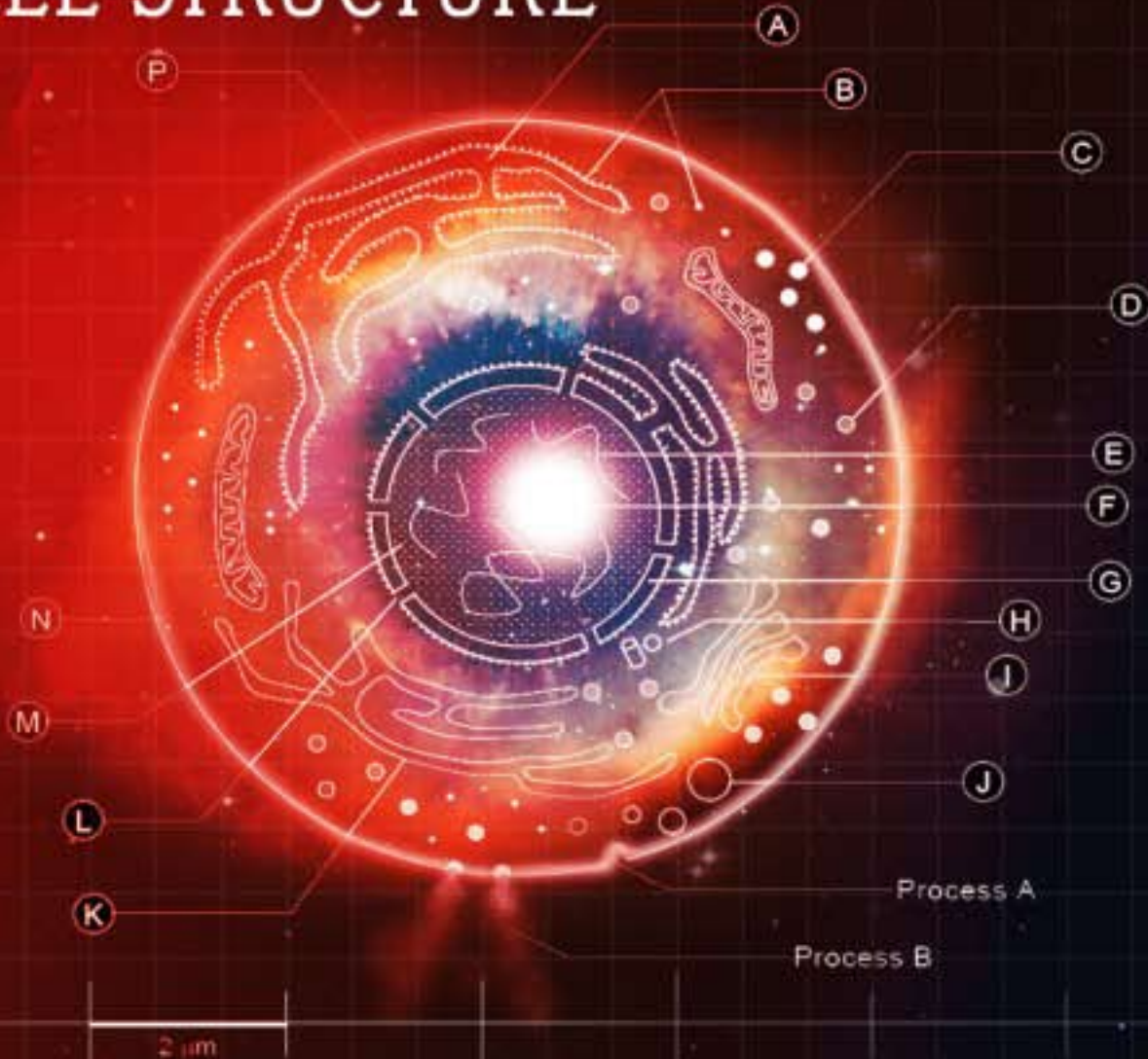


51:20-21 QURAN - {The Winnowing Winds}

"On the earth are signs for the certain (in faith) As also in your own selves. Then will you not see?"

CELL STRUCTURE



- A-Rough endoplasmic reticulum
 - B-Ribosomes
 - C-Glycogen granules
 - D-Vesicle
 - E-Chromatin
 - F-Nucleolus
 - G-Nuclear envelope
 - H-Centrosome
 - I-Golgi apparatus
 - J-Vacuole(e.g. lysosome, food vacuole)
 - K-Smooth endoplasmic reticulum(SER)
 - L-Nuclear pore
 - M-Nucleoplasm / Nucleus
 - N-Cytosol ('cytoplasm')
 - P-Cell surface membrane
- Process A is endocytosis
Process B is exocytosis

Simple living cells have hundreds of developed systems which can be compared to a city. There are power stations producing energy, factories manufacturing enzymes and hormones, complex transportation systems, pipelines carrying raw material, advance laboratories breaking down substances and a vast data bank in the form of DNA.