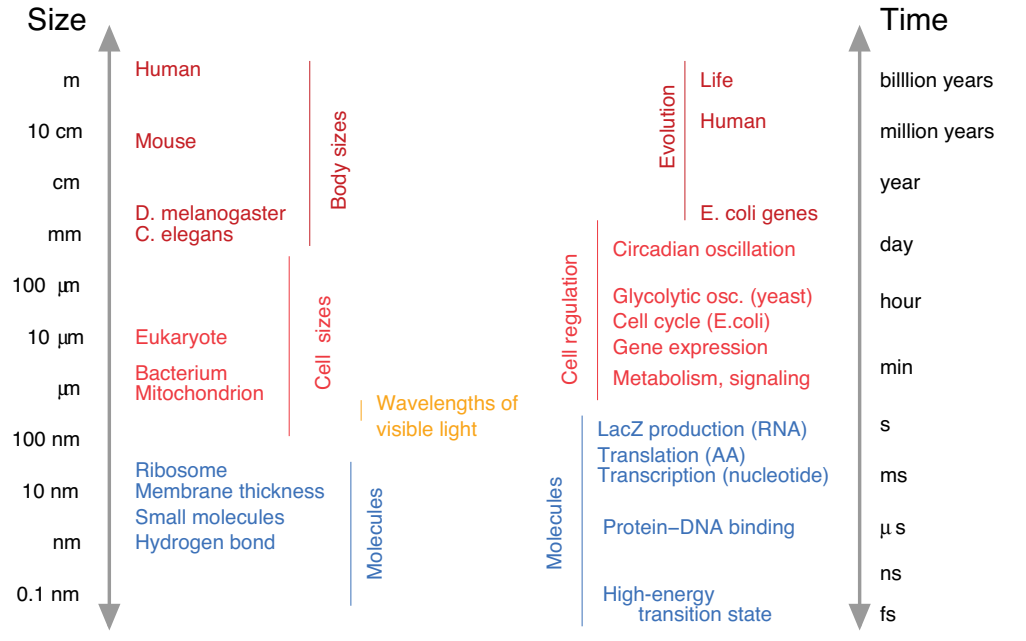
Size
m
10 cm
cm
mm
100 µm
10 µm
µm
100 nm
10 nm
nm
0.1 nm
Human
Mouse
D. melanogaster
C. elegans
Eukaryote
Bacterium
Mitochondrion
Ribosome
Membrane thickness
Small molecules
Hydrogen bond
Body sizes
Cell sizes
Molecules
Wavelengths of visible light
Evolution
Life
Human
E. coli genes
Cell regulation
Circadian oscillation
Glycolytic osc. (yeast)
Cell cycle (E.coli)
Gene expression
Metabolism, signaling
Molecules
LacZ production (RNA)
Translation (AA)
Transcription (nucleotide)
Protein–DNA binding
High-energy transition state
Time
billion years
million years
year
day
hour
min
s
ms
µ s
ns
fs