



# **Life Science DPL1 information session**

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# What Is Life?

They say it's from B to D.

From Birth to Death,

But what's between B and D?

It's a "C" So what is a "C"?

It is a Choice.

Our Life is a matter of choices,  
Live well and it will never GO WRONG.



# Biology – Life Science

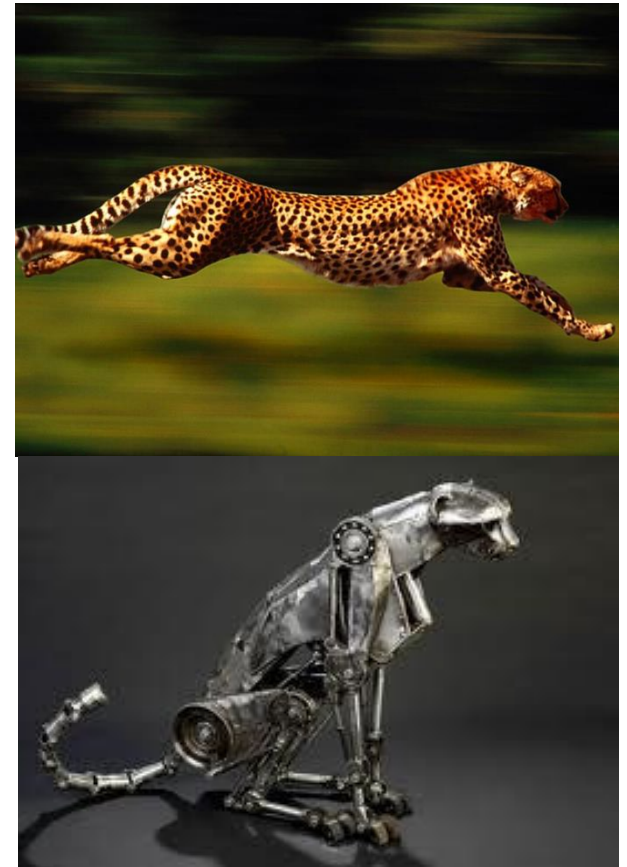
- BIO- : living things
- -OLOGY : the study of

**Biology - Study of Life  
in a Scientific way**



# What Are the Key Features of Living Organisms?

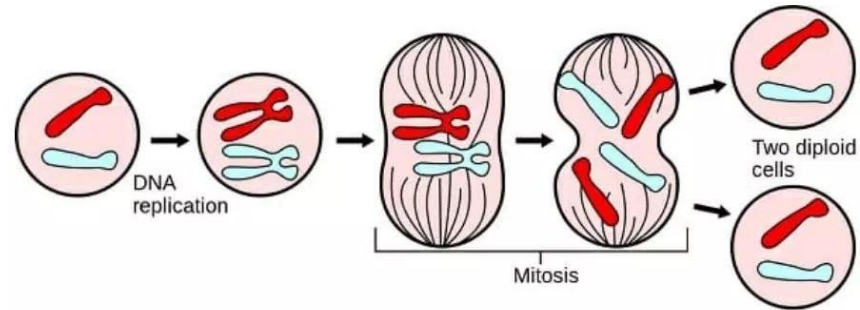
- Living organisms possess all of the following characteristics
  - Composed of cells
  - Have different levels of organization
  - Use energy
  - Grow
  - Reproduce
  - Respond and adapt to environment







# Cell phone



# DIFFERENT CELL TYPES IN ANIMALS

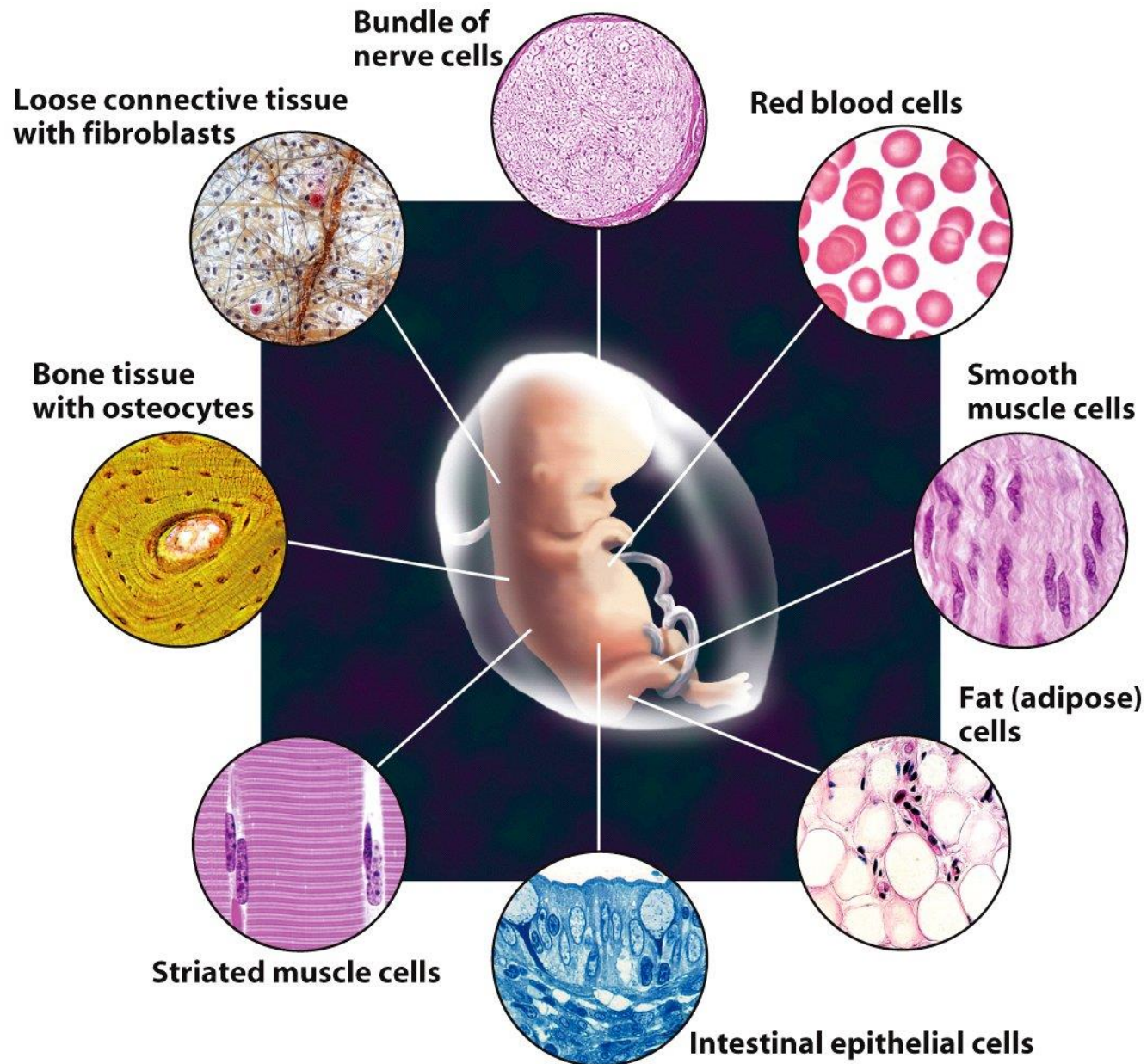
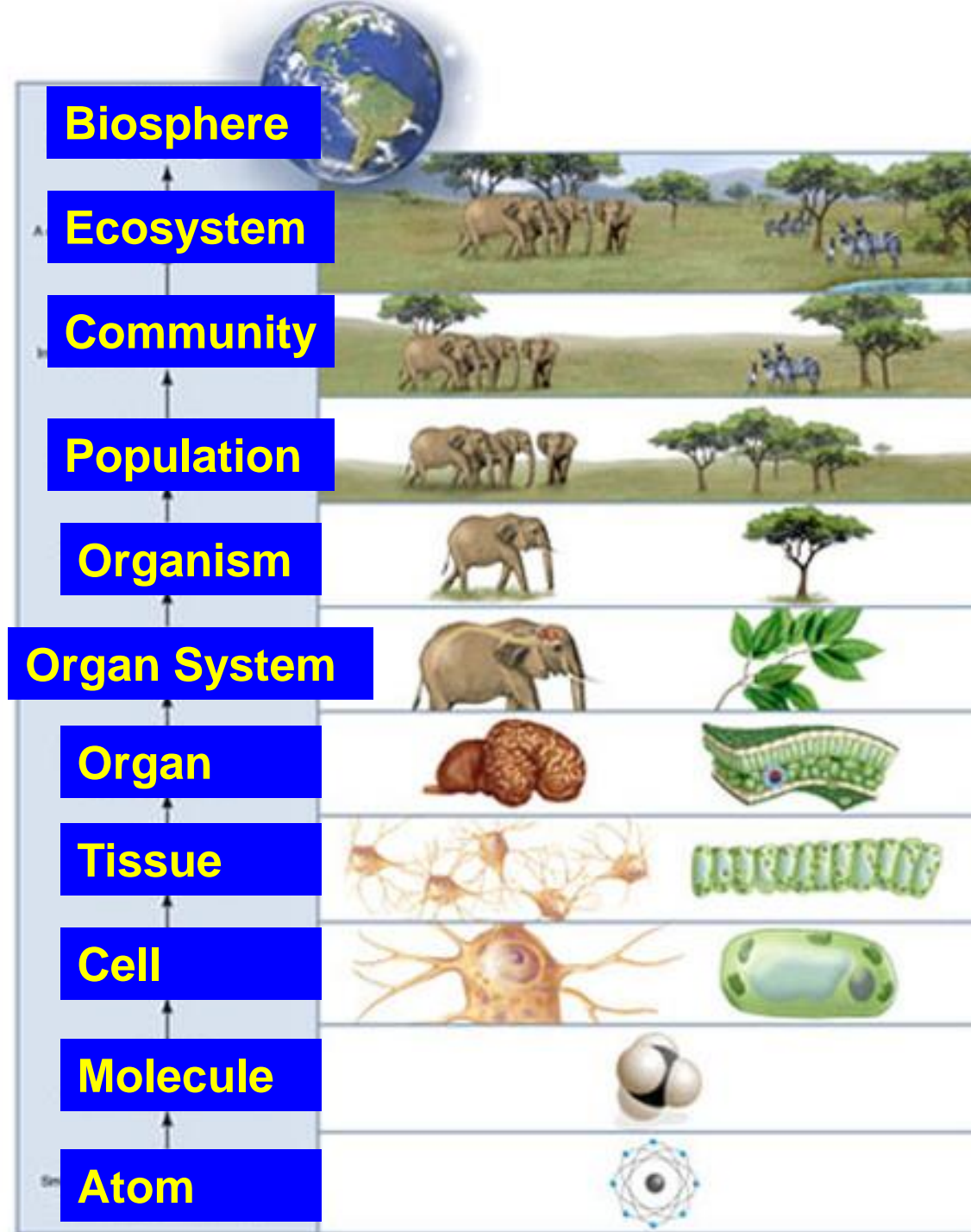


Figure 1-17 Cell and Molecular Biology, 4/e (© 2005 John Wiley & Sons)

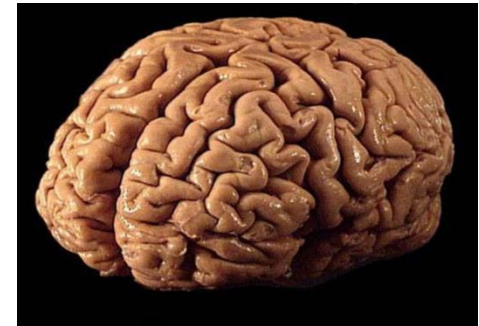
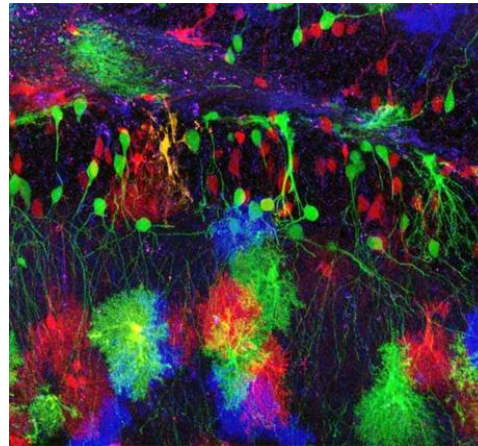
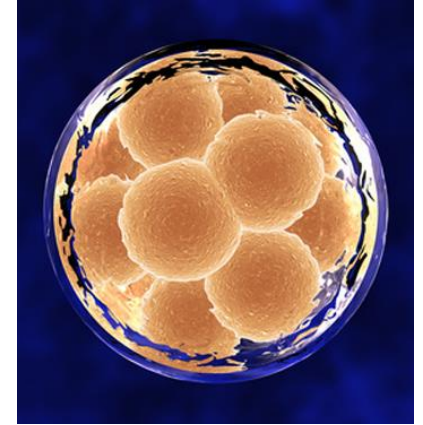
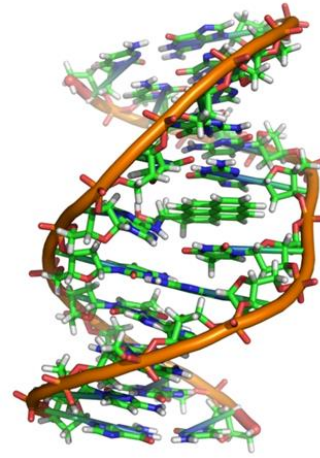






# Course Outline

- Biochemistry of Life
- Cells and Cell Structures
- Energy
  - Respiration
  - Photosynthesis
- Cell cycle
- Genetics
- Embryonic Development and Aging
- Conservation
- Waste Management
- Human Anatomy
- Human Diseases
- Cancer Therapy



# Assignments & Assessments

- Group Presentation
- Worksheets  
(in class activities)
- Class participation
- Final examination





An inspirational quote by John Maxwell about the value of Right Choices: ***“Life is a matter of choices, and every choice you make makes you.”***

\*Cell fate= internal factors + environmental factors = LIFE