

Bio 112 handout for Physiology 8

This handout contains:

- Today's iClicker Questions

iClicker Question #28A - before lecture

Which of the following are true?

- A. Water and ions can cross a membrane freely.
- B. Water "wants" to move from salty solution to a dilute solution.
- C. Only ions can cross a membrane freely.
- D. All of the above
- E. None of the above

iClicker Question #28B - after lecture

The cytoplasm of human cells has an intermediate "saltiness". Suppose that you put a human cell in seawater, which is substantially saltier than the cytoplasm of the human cells. What would happen?

- (A) Water would leave the cell and the cell would shrink.
- (B) Water would enter the cell and the cell would swell.
- (C) Salts would enter the cell and the cell would swell.
- (D) Salts would leave the cell and the cell would shrink.
- (E) I don't know.

Beaming in your answers

1. Figure out your answer and select the appropriate letter (A-E).
2. Turn on your iClicker by pressing the "ON/OFF" button; the blue "POWER" light should come on. If the red "LOW BATTERY" light comes on, you should replace your batteries soon.
3. Transmit your answer as follows:
 - a. Press the button corresponding to the answer you've selected (A thru E).
 - b. The "STATUS" light will flash green to indicate that your answer has been received. If the "STATUS" light flashed red, your answer was not received; you should re-send it until you get a green "STATUS" light.

