Biology and Behavior – Vocabulary

1. \_\_\_ serotonin
2. \_\_\_ dopamine
3. \_\_\_ glutamate
4. \_\_\_ endorphins
5. \_\_\_ epinephrine
6. \_\_\_ acetylcholine
7. \_\_\_ norepinephrine
8. A neurotransmitter that plays a role in learning new information, causes the skeletal muscle fibers to contract, and keeps the heart from beating too rapidly.
9. A neurotransmitter that plays a role in learning, attention, movement, and reinforcement; neurons in the brains of those with Parkinson’s disease and schizophrenia are less sensitive to its effects.
10. A neurotransmitter affecting eating, alertness, and sleep.
11. A neurotransmitter that affects the metabolism of glucose and nutrient energy stored in muscles to be released during strenuous exercise.
12. A neurotransmitter that plays an important role in regulating mood, sleep, impulsivity, aggression, and appetite.
13. Primary excitatory neurotransmitter in the brain.
14. Chemicals produced naturally by the brain that reduce pain and the stress of vigorous exercise and positively affect mood.