NAME_____

Neurotransmitters Practice

1. Research on animals has revealed a general reward system that triggers the release of which neurotransmitter?

2. Dana is taking Prozac to help control her depression. Prozac works by increasing the availability of which neurotransmitter?

3. Schizophrenia is most closely linked with excess receptor activity for which neurotransmitter?

4. An individual is having trouble with cognitive tasks related to learning and memory. Which neurotransmitter/s is most likely to be involved with the problem?

5. Drugs that diminish neurotransmitter activity are called?

6. Some opiate drugs have molecular structures so similar to endorphins that they mimic endorphin's euphoric effects in the brain, making these opiate drugs which kind of molecule?

7. Researchers looking to create a drug to reduce the symptoms of Alzheimer's would most likely focus their research on which neurotransmitter?

8. Phillip is hooked on cocaine. What neurotransmitter seems most closely related to the pleasure such drugs produce and their addictive qualities?

9. Ed's grandmother has developed Parkinson's disease. What can you tell him about probable changes in her brain chemistry?

10. Carlos is suffering from epileptic seizures, a doctor would diagnosis him as producing an excessive amount of which neurotransmitter?