

Name: _____ Date: _____

Cell Signaling and Communication

1. Type of Direct Communication
 2. Another type of Direct Communication
 3. Types of junctions
 4. A type of indirect communication
 5. Examples of signals
 6. 1/3 parts of Signaling?
 7. 2/3 parts of Signaling?
 8. 3/3 parts of signaling
 9. receptors in the cell that receive a signal that can pass through the cell membrane such as nonpolar substances or gases
 10. A protein that binds GTP
 11. generated principally by Na⁺/ K⁺ pump = voltage across membrane
 12. change in voltage across a membrane due to flow of ions through gated channels (membrane depolarized)
 13. Once rush of ions down channels stops, other ions in cell rush out of cell down their gradient causing equal charge across membrane - no net movement of ions
 14. Big protein holding lots of enzyme together to form a signaling pathway
 15. part of transduction
 16. starts transduction down axon
- A. resting potential
 - B. ECM
 - C. Desosomes
 - D. Transduction
 - E. Junctions
 - F. G-Protein
 - G. intracellular receptors
 - H. Signals
 - I. reception
 - J. response
 - K. scaffolding protein
 - L. depolarization
 - M. action potential
 - N. second messengers
 - O. Hormones
 - P. Membrane Potential