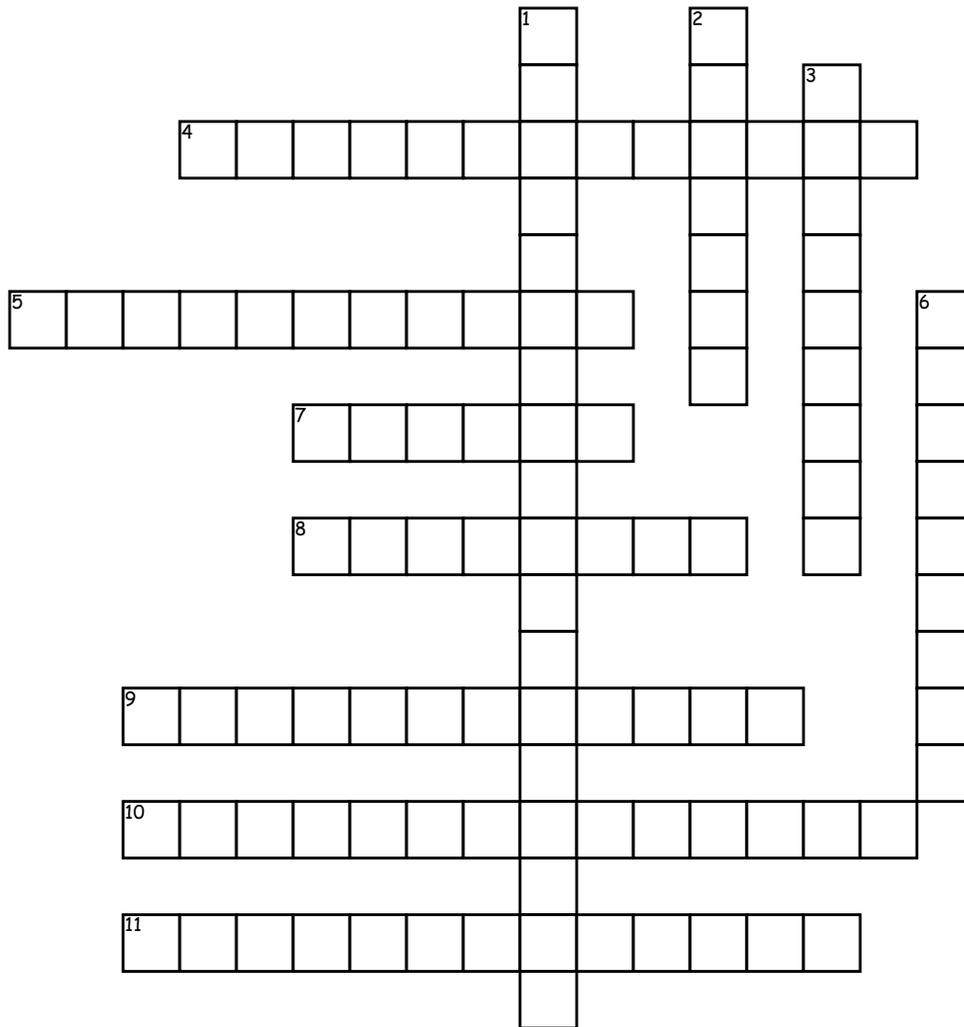


# Receptors and Ligands



## Across

4. An example of a neurotransmitter
5. Intracellular receptors are
7. What binds to a receptor?
8. Chemical messengers that travel in the bloodstream
9. Released by T helper cells and bind to receptors on B lymphocytes
10. Receptors found within the eyes

## Word Bank

complementary  
cytoplasm  
Acetylcholine

photoreceptors  
endocrine  
LIGAND

Hormones  
calcium  
pacinian corpuscles

interleukins  
hydrophobic

11. Ligands and receptors have to be...

## Down

1. Detect vibrations
2. A common ion that flows down an electrochemical gradient
3. Cell signalling that occurs over a long distance.
6. Intracellular receptors may be found here.