

1. CB1 Receptors are located mainly within the
 1. Gut
 2. Peripheral nervous system
 3. Central nervous system
 4. Lymphatic system
2. Peer-reviewed research on the human endocannabinoid system has been performed for approximately
 1. 10 years
 2. 30 years
 3. 80 years
 4. 200 years
3. Plant-derived molecules that bind cannabinoid receptors are known as
 1. Alkaloids
 2. Cannabis sativa
 3. Phytocannabinoids
 4. Terpenes
4. Which of the following is **not** a phytocannabinoid?
 - a. Cannabidimene
 - b. Cannabichromene
 - c. Cannabidiol
 - d. Cannabigerol
5. True or False: Phytocannabinoids are constructed from an aliphatic fragment and an aromatic fragment.
 - a. True
 - b. False
6. Which of the following cannabinoids has the strongest interaction with the endocannabinoid receptor CB1?
 - a. Cannabidiol
 - b. Δ^9 -Tetrahydrocannabinol
 - c. Cannabinol
 - d. Cannabigerol
7. Studies are showing increasing evidence for sleep treatment with the use of
 - a. Cannabinol
 - b. Cannabichromene
 - c. Tetrahydrocannabivarin
 - d. Cannabigerol

8. True or False: Phytocannabinoids are plant-derived compounds which only affect the endocannabinoid system.
- a. True
 - b. False
9. Discovered only decades ago, _____ are naturally occurring lipids produced by the human body which bind to the ECS receptors.
- a. Phytocannabinoids
 - b. Endocannabinoids
 - c. Terpenes
 - d. Alkaloids
10. True or False: Evidence suggests that terpenes are more effective anti-inflammatory agents than cannabidiol.
- a. True
 - b. False
11. Which of the following terpenes is known to act in conjunction with the endocannabinoid system?
- a. Limonene
 - b. Myrcene
 - c. α -humulene
 - d. β -caryophyllene
12. The main therapeutic effect of alkaloids in humans concerns their
- 1. Anxiolytic properties
 - 2. Analgesic properties
 - 3. Antioxidant properties
 - 4. Anti-inflammatory properties
13. True or False: Endocannabinoids decrease in production levels over time and thus affect the balance of the ECS.
- a. True
 - b. False
14. Which of the following cannabinoids has the greatest effect in terms of anti-bacterial and

anti-fungal activity?

- a. Cannabigerol
- b. Cannabidiol
- c. Tetrahydrocannabivarin
- d. Cannabichromene

15. Which cannabinoid was the first compound to be isolated in a pure form from the resin of *Cannabis sativa*?

- a. Cannabigerol
- b. Cannabidiol
- c. Cannabinol
- d. Cannabichromene

16. Which cannabinoid has data supporting its use for mental health benefits?

- a. Cannabigerol
- b. Cannabidiol
- c. Tetrahydrocannabivarin
- d. Cannabichromene

17. Endocannabinoid system receptors are located in all of the following, EXCEPT:

- 1. Hair
- 2. Nerves
- 3. Immune Cells
- 4. Skin

18. True or False: The Endocannabinoid System is present in all vertebrate species.

- a. True
- b. False

19. Phytocannabinoids show affinity ONLY toward CB1 and CB2 receptors.

- a. True
- b. False

20. The most common cannabinoids that have produced the most clinical data are:

- 1. CBG and CBC
- 2. CBN and CBG
- 3. CBD and THC
- 4. CBD and CBC