

The Endocannabinoid System

Tuition: \$69

Hours: 3

Instructor

- [Pat Helma, DC, DACBSP](#)

Course Description

The endogenous cannabinoid system has been present in all vertebrates for over 500 million years, however, it has only been recently (1992) discovered. We are still learning and understanding its role in the human body. Many States are "legalizing" cannabis, CBD (cannabidiol) is being touted to help with a myriad of conditions, some based upon research, some not. This three-hour distance based course is intended to provide Doctors of Chiropractic with relevant information to have at least a basic understanding of the biochemistry of this system, its components and the effect of exogenous factors on this system so that we may offer advice based upon sound research or direct our patients where they can obtain answers.

Evaluation

The content of this course is provided through online reading material in which the learner's participation (time) is actively tracked and logged. A minimum of three hours is required. There will be at least three questions for every hour of the class. The learner must receive a score of 75% of the total possible points and log at least three hours to receive credit for the course. Learners not achieving the pass rate will be directed to additional study by the instructor and allowed to re-take the examination.

No textbooks required. Computer and Internet service required for completion of this course. Funding sources and potential conflicts of interest statement: No funds were received, underwritten or subsidized by any vendors of any goods including supplies or services for this course.

Outline

Hour 1 - The Endocannabinoid System

Hour 2 - Cannabinoids and Terpenes, The Dopamine System

Hour 3 - Endocannabinoid Research, Cannabis

Objectives

The clinician should be able to identify the components of the endogenous cannabinoid system, its function, effects of exogenous factors as well as review research pertinent to influencing this system. They should understand dopamine metabolism and the interaction of the endocannabinoid system with that system. Constituents of cannabis and their interaction with the endocannabinoid system will also be discussed.