

The Most Hon Hugh Shearer Memorial Lecture for Outstanding Service to Mental Health

Chair: The Most Hon Denise Eldemire-Shearer

Marijuana in Neurodegenerative Diseases

Wendel Abel

The endocannabinoid system is implicated in several physiological processes including the stress response and immune-modulation. Cannabidiol (CBD) is a non-psychoactive phytocannabinoid which acts on the endocannabinoid system and has anti-inflammatory and neuroprotective properties.

Research evidence suggests a role for CBD in the promotion of cell growth, alteration in glucose metabolism, pain regulation and obesity control. This paper explores the role of CBD in ameliorating the central and peripheral damage associated with diabetes mellitus.