

P121. A REVIEW OF THE PERSPECTIVES ON SYNTHETIC CANNABINOIDS, RECEPTORS AND ACUTE EFFECTS

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The present review highlights overall to the worldwide, there has been an increasing demand and availability in novel psychoactive drugs, known as synthetic cannabinoids (SC). It has been a growing consumption especially among younger generations since at least 2010. The endocannabinoid system (ES) includes two types of cannabinoid receptors; the CB1 and CB2. The most probable acute effects are impaired central nervous system, cardiovascular disease and adolescent psychosocial development and mental health. Up to now, these new drugs are commonly available for sold on the internet in many countries and fastly changing formulations and changing brand names, therefore these samples make a huge complexity in blood and urine detection. The findings observed in the clinic, as well as the central nervous system, cardiovascular system, adversely affect vital functions such as respiratory and digestive system. Such as, difficult breathing, heart rhythm disorders, coughing, nausea and anxiety level as to cause serious concluded that the increase is quite effective compared to other drugs. Long term synthetic cannabinoids use can be damaged brain cells and central nervous system.