Neurobiology of the common addictions – are students of medicine allowed to use THC?

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Neuroscientific comprehensions have enabled us to form a different approach to a whole group of diseases from the earlier one that introduced moralistic paradigm a priori in treating such patients. Irretrievable encroachment in neurotransmitter system and violation of integrity of neuron membranes confirmed the concept of addiction as chronic, progressive and degenerative ailments. In modern integrative approach we would like to confront mainstream ideas about addictological patients but also of the public which is heavily influenced by mass media, with neuroscientific comprehensions. We would like to especially demonstrate the effect of the most popular intoxicants from the aspect of medical workers - medical professionals in decision making important for our profession.

Keywords: neurotransmitters, neurobiology, intoxicants, addictions

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