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## **Thinking high : the impact of cannabis on human cognition**

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## **Propositions**

### **Thinking High: The impact of cannabis on human cognition**

**Mikael A. Kowal**

1. Chronic cannabis use has a detrimental effect on dopaminergic functioning, however the impairment is not severe in the long-term.
2. The subjective feeling of enhanced creativity when intoxicated with cannabis is an illusion.
3. Even a low dose of cannabis can decrease the awareness of committing an error.
4. The anterior cingulate cortex is involved in mediating both the affective and cognitive effects of cannabidiol, however the nature of this modulation needs further study.
5. Cannabidiol has the potential to reduce the cognitive-impairing effects of delta-9-tetrahydrocannabinol.
6. Investigating the role of the endocannabinoid system in human information processing will allow for a better understanding of the relationship between the dopaminergic functioning of cannabis users and the psychosis-inducing effects of cannabis.
7. The tolerance of regular users to some of the cognitive effects of cannabis provides them the opportunity to function as productive members of a society while intoxicated.
8. The impaired capacity of regular cannabis users to monitor and correct their erroneous behavior leads to decreased awareness of developing cannabis addiction.
9. What makes cannabinoids particularly fascinating is the wide range of possible therapeutic effects they are claimed to have.
10. Herbal cannabis can, and should, meet the quality standards of modern medicine.