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Cannabis and Psychosis: Transition to Psychosis

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Cannabis and Psychosis: Transition to Psychosis

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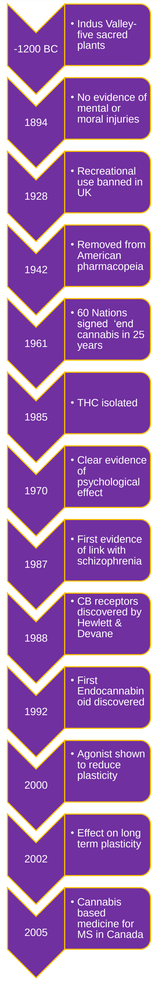
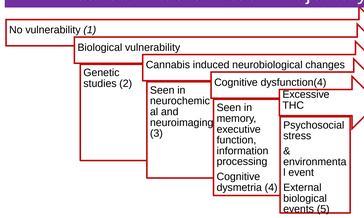


Abstract: Abbreviated: Trajectory



Conclusion

there is robust and consistent association between cannabis consumption

Cannabis supposedly cases almost similar neurobiological changes as seen in schizophrenia

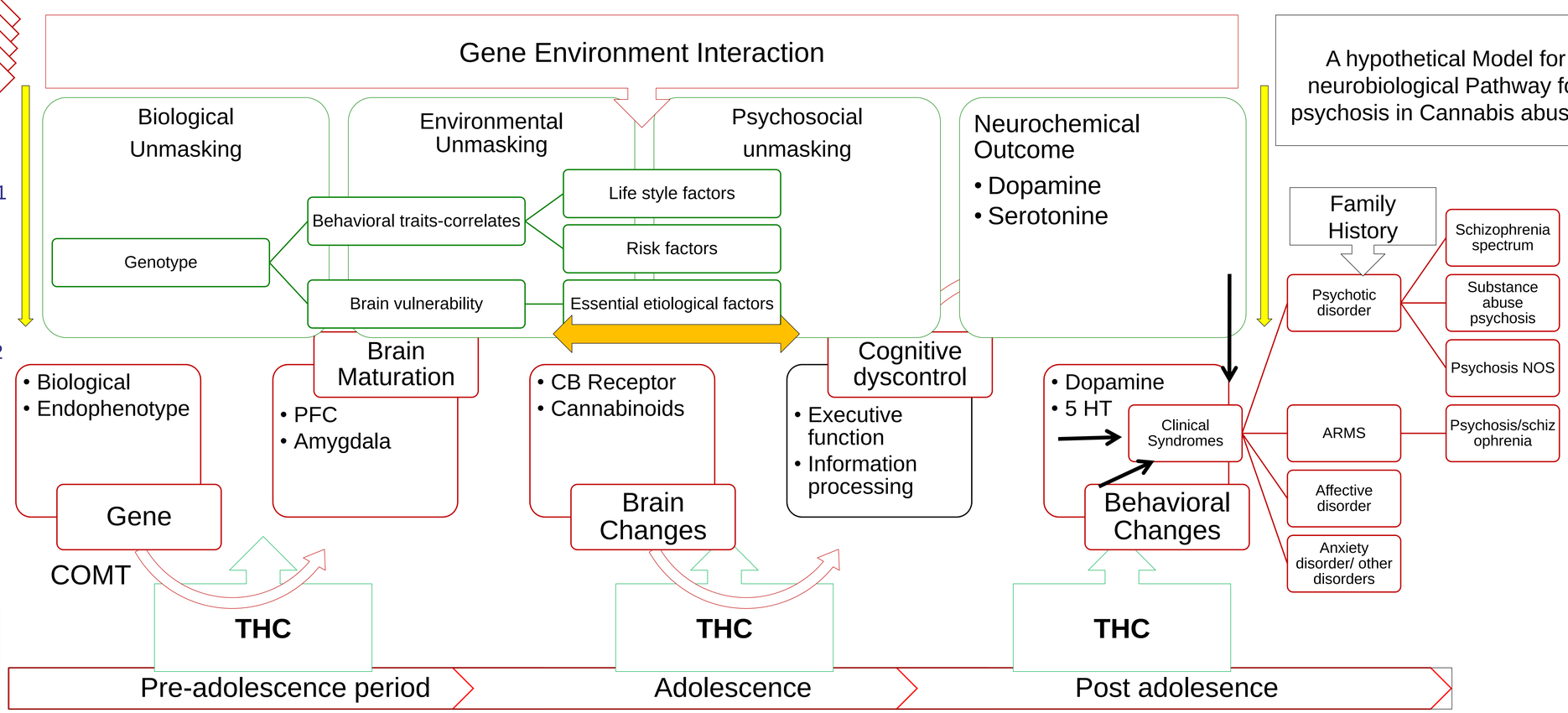
Association of cannabis , psychosis in Normal individual and cannabis use in Schizophrenia is not clearly known

cannabis does not cause any structural changes per say.

the alleged role played by the endocannabinoid system in later developmental phases such as the adolescent one, prompted speculation that alterations in the endocannabinoid tone

Although the direct pathway of causation from cannabis consumption to development for psychosis is not known, pharmacological as well as behavioral studies intend to develop better intervention and prevention of psychosis which remains critical

A hypothetical Model for neurobiological Pathway for psychosis in Cannabis abusers



Possible trajectory of Cannabis and related Psychosis

ARMS – At risk mental state, THC – Tetrahydro cannabidole,PFC – Prefrontal cortex, COMT – Catechol-o-methyl transferase, 1,2 and 3- different levels biological events

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Shrivastava A. Johnston M, Tsuang M Cannabis use and cognitive dysfunction.,Indian J Psychiatry. 2011 Jul;53(3):187-91. doi: 10.4103/0019-5545.86796.