

Cocaine Addiction Provides Glimpse Into Human Genetic Code



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New York - New York - A recent study published in the Journal Science by Mount Sinai School of Medicine shows that chronic cocaine addiction can lead to a repression of a specific gene within the brain. The gene, 9A, is responsible for producing an enzyme that plays a crucial part in switching our genes off and on. Studies show that decreased enzyme production in those who are addicted to cocaine, actually leads to further craving of cocaine, creating the seemingly endless cycle of addiction.

Professionals at Mountainside [Drug Rehab](#) and Alcohol Treatment Center in Connecticut and New York find this study quite promising in the battle against addiction. "If the functioning mechanism of this particular cycle can be broken and this particular gene's activity stimulated, it could certainly go a long way in helping a person overcome an addiction to cocaine as well as other drugs."



Mountainside further states, "the problem is that once an addiction takes hold, it's no longer solely organic in nature. A person must

overcome social and situational addictions as well, which is no easy task. While we remain hopeful for a future scientific breakthrough targeting physical dependence, we understand that this is just one piece of the puzzle. That is why it is so important for an addicted individual to be involved in a multi-disciplinary [drug addiction treatment](#) program, where other aspects of the addiction, like emotional, psychological and social triggers are addressed and treated.”

Mountainside [Drug Rehab](#) and Alcohol Treatment Center is a comprehensive and innovative provider of treatment for individuals suffering from drug addiction and alcoholism. Mountainside’s licensed and certified counselors, social workers and clinical treatment team and staff are dedicated to providing an unsurpassed treatment experience to its clients. With diverse areas of expertise, the treatment team works collaboratively with each client and their family to ensure that an individualized treatment plan is designed that will treat not just the symptoms, but the whole individual. With professionalism and compassion, each client is guided through every stage of recovery and encouraged to participate in a wide variety of evidence-based and cutting edge innovative treatment options.



In addition to its licensed and credentialed counselors, social workers and clinical staff, Mountainside’s medical services include our Advanced Nurse Practitioner and Registered Nurse with specialization in drug addiction and alcoholism treatment. Psychiatric services are available when needed.

If you or someone you love is in need of treatment or if you have questions please contact us at: 800-762-5433

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