

Name of Journal: *World Journal of Psychiatry*

Manuscript NO: 64549

Manuscript Type: MINIREVIEWS

Brain reward circuitry: The overlapping neurobiology of trauma and substance use disorders

Brain Reward Circuitry and the Neurobiology of Trauma

Abstract

Mental health symptoms secondary to trauma exposure and substance use disorders (SUD) co-occur frequently in both clinical and community samples. The possibility of a shared aetiology remains an important question in translational neuroscience. Advancements in genetics, basic science, and neuroimaging have led to an improved understanding of the neural basis of these disorders, their frequent comorbidity and high rates of relapse remain a clinical challenge. This project aimed to conduct a review of the field's current understanding regarding the neural circuitry underlying

Match Overview

1	Internet 121 words crawled on 18-Jan-2020 www.ncbi.nlm.nih.gov	4%
2	Internet 73 words crawled on 16-Nov-2018 www.powershow.com	2%
3	Crossref 21 words Bessel A. van der Kolk. "Pierre Janet on post-traumatic stresses", <i>Journal of Traumatic Stress</i> , 10/1989	1%
4	Internet 16 words crawled on 19-Jul-2020 www.brainscape.com	<1%
5	Internet 16 words crawled on 30-Jul-2020 www.mdpi.com	<1%
6	Internet 14 words crawled on 07-Jan-2021 jme.bioscientifica.com	<1%
7	Internet 13 words crawled on 05-Mar-2021 jamanetwork.com	<1%



ALL

IMAGES

VIDEOS

115,000 Results

Any time ▾

The Neurobiology of Substance Use, Misuse, and Addiction ...

<https://addiction.surgeongeneral.gov/executive...> ▾

The **Neurobiology of Substance Use**, Misuse, and Addiction. **Substance use disorders** result from changes in the brain that can occur with repeated use of alcohol or drugs. The most severe expression of the **disorder**, addiction, is associated with changes in the function of **brain circuits** involved in pleasure (the reward system), learning, stress, decision making, and self-control.

The brain reward circuitry in mood disorders | Nature ...

<https://www.nature.com/articles/nrn3381>

Aug 14, 2013 · Indeed, increasing evidence in humans and animals suggests that mood **disorders and drug** addiction are associated with major disruptions within the **brain's reward circuitry** 4, ...

Cited by: 1306

Author: Scott J. Russo, Eric J. Nestler

Publish Year: 2013

PEOPLE ALSO ASK

How does drug use affect the brain circuitry? ▾

What neurotransmitters are in the reward circuit? ▾

What is a reward pathway? ▾

What is the pathway of addiction? ▾

ALL

IMAGES

VIDEOS

26,500 Results

Any time ▾

Substance use disorders result from changes in the brain that can occur with repeated use of alcohol or drugs. The most severe expression of the disorder, addiction, is associated with changes in the function of brain circuits involved in pleasure (the reward system), learning, stress, decision making, and self-control.

The Neurobiology of Substance Use, Misuse, and Addiction ...

addiction.surgeongeneral.gov/executive-summary/report/neurobiology-substance-u...

Was this helpful?  

PEOPLE ALSO ASK

How does drug use affect the brain circuitry? ▾

What is a reward pathway? ▾

What is the pathway of addiction? ▾

What are the key elements of the reward circuit? ▾

Feedback

The Neurobiology of Substance Use, Misuse, and Addiction ...

<https://addiction.surgeongeneral.gov/executive...> ▾

The **Neurobiology of Substance Use, Misuse, and Addiction**. **Substance use disorders** result from changes in the brain that can occur with repeated use of alcohol or drugs. The most severe expression of the **disorder**, addiction, is associated with changes in the function of **brain circuits** involved in pleasure (the reward system), learning, stress, decision making, and self-control.

The brain reward circuitry in mood disorders | Nature ...

<https://www.nature.com/articles/nrn3381>

Aug 14, 2013 · Indeed, increasing evidence in humans and animals suggests that mood **disorders and drug** addiction are associated with major disruptions within the **brain's reward circuitry** 4, ...

Cited by: 1306

Author: Scott J. Russo, Eric J. Nestler

Publish Year: 2013

The Neurobiology of Reward: Understanding Circuitry in the ...

<https://www.researchgate.net/publication/325475187...>

Search Tools

Turn off Hover Translation (关闭取词)