Name of Journal: World Journal of Clinical Cases
Manuscript NO: 64575
Manuscript Type: MINIREVIEWS

Gene × Environment Interaction in Major Depressive Disorder

Ming-Zhe Zhao, Xu-Sheng Song, Jing-Song Ma

Abstract
Major depressive disorder (MDD) is a multifactorial disorder, where multiple susceptibility genes interact with environmental factors, predisposing individuals to the development of the illness. In this article, we reviewed different gene × environment
Gene–Environment Interaction in Major Depressive Disorder

[PDF] Gene—Environment Interactions in Major Depressive Disorder
https://journals.sagepub.com/doi/pdf/10.1177/070674371305800203
- Gene–environment interactions might define biologically distinct subgroups of depression, possibly explaining the variability in response to antidepressant treatments. Understanding the systemic and molecular mechanisms underlying the gene–environment interactions may help to ...

Gene–Environment Interaction in Major Depression: Focus ...
https://www.frontiersin.org/articles/10.3389/fpsyg.2015.00068
Gene–Environment Interaction in Major Depression Gene–environment interactions reflect a causal mechanism where one or more genetic variants and one or more environmental factors contribute to the causation of a condition in the same individual with genetic factors influencing the sensitivity to environmental exposures (50).

Cited by: 101 Author: Nicola Lopizzo, Luisella Bocchio Chiavetti...
Publish Year: 2015

Are there any genes that can cause depression?
How are genetic polymorphisms related to major depressive disorder?
Is depression a heterogeneous psychiatric disorder?
Is stress a precipitating factor for depression?
Major depressive disorder (MDD) is a multifactorial and polygenic disorder, where multiple and partially overlapping sets of susceptibility genes interact each other and with the environment, predisposing individuals to the development of the illness.

Cited by: 112
Publish Year: 2015

Gene–Environment Interaction in Major Depression: Focus ...
www.frontiersin.org/articles/10.3389/fpsyt.2015.00068/full
Major depressive disorder (MDD) is a multifactorial and polygenic disorder, where multiple and partially overlapping sets of susceptibility genes interact each other and with the environment, predisposing individuals to the development of the illness.

Cited by: 112
Publish Year: 2015

Gene–Environment Interaction in Major Depression: Focus on...
www.frontiersin.org/articles/10.3389/fpsyg.2015.00068/full

Gene–Environment Interaction in Major Depression: Focus on...
https://www.frontiersin.org/articles/10.3389/fpsyg.2015.00068

Gene–Environment Interactions reflect a causal mechanism where one or more genetic variants and one or more environmental factors contribute to the causation of a condition in the same individual with genetic factors influencing the sensitivity to environmental exposures. A number of environmental factors have been found to contribute to depression vulnerability, including in utero exposure to infection, lack of nutrients, maternal stress, perinatal complications, social disadvantage, urban upbringing, ethn...