

The variant of NKPD1 gene increases the risk of depression

NKPD1 became the latest medical object related to depression.

NKPD1 became the latest medical object related to newly discovered depression.

A new study of an isolated village in the UK shows a link between rare gene variants in the KPD1 gene with depressive symptoms. This research has just been published in the Journal of Biological Psychiatry.

Accordingly, Najaf Amin of Erasmus University Medical Center in the Netherlands and Nadezhda Belonogova of the Russian Academy of Sciences in Novosibirsk have discovered many new information related to molecular genetic factors of depression. , provides a lot of important premise in the diagnosis and treatment of depression.



The researchers say the gene plays an important role in increasing the risk of depression.

Dr. John Krystal, editor of the Biological website, said: ' *By arranging all the DNA codes for the mRNA segment, then the proteins, the doctor has discovered a single gene with the same variables. Its body increases the risk of depression by 4% "*.

To specifically identify this gene, scientists evaluated and analyzed data from the Erasmus Rucphen family, including a collection of families and descendants related to social isolation over the past few decades.

In such a specific type of population, it is easy to create genetic amplifications as well as many unique rare gene variants. Not only this family, but also an isolated village in the UK, they identified nearly 2000 people with depression and all of them were included in the analysis.



Using the entire process of sequencing DNA parts that contain genetic code to produce proteins, scientists have discovered a few more variants of the widely copied and transgenic NKPD1 gene in the human population. this village.

Dr. Amin said: " *The emergence of NKPD1 gene in the synthesis of spongolipids and ceramides in the blood is very interesting. Helping us to predict the role and influence of NKPD1 gene. And it may be the target for treating future depression disorder .* "

Dr Amin said: " *We were the first to find possible genetic relationships between the NKPD1 gene variant and depressive disorder .*" And this could be an important premise to support the patients treat depression when carrying the NKPD1 gene variant in humans.

" *Like other mental disorders, depression is difficult to identify genetic or biochemical signs for diagnosis. According to Dr. Amin, want to identify and repress the underlying depression due to the effects of Genetic factors require the need to stratify each genetic mechanism in each patient because the NKPD1 gene, even its variant genes, cause disease, requiring detection of the di transmission is correct* '.

You finished reading the article "**The variant of NKPD1 gene increases the risk of depression**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.