

The genetic variant was found to be associated with viral inflammation

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Researchers in Wales have identified a genetic variant that helps the immune system work well, resisting the symptoms of inflammation caused by viruses, especially the influenza virus with the scientific name of gene Ifitm3.



To reach this conclusion, the team of scientists conducted a study of immune cell system containing Ifitm3 gene with the effect of causing infection from cytomegalovirus influenza virus.



The results showed that people with multiple genetic variants of Ifitm3 have a good immune response to levels of infection caused by bacteria at the same time, this gene can be combined with some drugs. Other supplements are capable of destroying some other target inflammatory viruses.

Meanwhile, people with little or no Ifitm3 genes have absolutely no superior immunity to the virus. The group pointed out that ifitm3 gene variant is also resistant to some other viruses, not just the flu virus.



An estimated 1 in 400 people worldwide have the Ifitm3 gene variant.

' Now we know how the immune cell system affects the inflammatory reactions caused by the virus, however, not only that, but the genetic factor also contributes to the treatment. Symptoms of inflammation caused by viruses. Since then, in addition to medical treatments, medicines, genetic therapy in patients with infections also plays an important and effective role. '- Dr. Ian Humphreys, a home Research at Cardiff Medical University and the lead author of the study, said in a statement.

The study has just been published in the Journal of Clinical Investigation.

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