

# Science proves: Children inherit intelligence from their mother, not from their father

A recent scientific study has shown that children's intelligence is inherited from the mother, not from both parents.

According to studies, the mother's genes determine intelligence for their children, not from both parents.

Mothers have the ability to transmit intelligent genes to their children because women carry **X chromosomes** that they have two X chromosomes, while men have only one X chromosome (chromosome Men's is XY).



Some studies suggest that children's intelligence is inherited from the mother.(Image source: AFP / Getty Images)

But apart from this, scientists have recently shown that the genes in progressive cognitive functions inherited from fathers can automatically lose response.

A gene called "conditional *genetic* " can only work in some cases and depends on different genetic origins. Moreover, some genes only work if they are inherited from the mother but the same gene inherited from the father will not work.

Laboratory studies conducted on genetically engineered mice showed that these mice had a large amount of mother genes at the head and larger parts of the brain, with less body part. A large amount of father's genes have little effect on the brain and affect the body.

The researchers identified the cells that contained the mother's entire genome or father's genes in six different parts of the rat's brain - the part that controls cognitive functions ranging from eating habits to memory. .



Cells with the father's genes accumulate in **the** brain's **limbic** system, which is responsible for mood and instinct, controlling basic functions such as sex, hunger and aggression. But the researchers found no father's genes in the cortex, which are responsible for cognitive functions, such as reasoning, thinking, learning and language.

Concerned that the human brain is different from the mouse brain, researchers in Glasgow, he has done a study that approached people more to learn about their intelligence. They found extrapolation theories from practical mouse studies when conducting annual interviews, since 1994 and had 12,686 people between the ages of 14 and 22 participated in the interview. This study has taken into account a number of other factors, from skin color and education level, to socio-economic status. By this method, they discovered **the best forecast for children's intelligence is the mother's IQ** . However, in reality, the difference between the intelligence of the children and the mother is only 15% on average.

However, research also clearly shows that **genetics** is not the only factor that determines children's intelligence. It is estimated that only about 40 - 60% of intelligence is due to heredity, the rest depends on the same factors as the environment.



Moreover, mothers are said to play an extremely important role in intelligence genetics, with some studies showing the link between mother and child tied to intelligence.

Researchers at the University of Washington found that the **emotional safety relationship between mother and child** is very important for development in some parts of the brain. After analyzing a group of mothers and their relationship with their children for seven years, the researchers realized that the children were mentally supported and fulfilled their needs. Intellectually, their hippocampus (a part of the previous brain) is 10% larger than children who have to live far away from their mothers. The hippocampus is an area in the brain that is involved in the ability to remember, learn and respond to stress.



The strong connection between mother and child gives the child a sense of security, allowing them to explore the world and be confident in solving problems. In addition, the mother's dedication and thoughtfulness also tend to help children solve all problems, which can reach their potential.

Of course, fathers also play an important role in nurturing children like mothers. Researchers have shown that all other specific gene traits - such as intuition and emotion - inherited from a father are also "keys" to unlock

potential intelligence in children, so Dads don't be disappointed.

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