

Love and its Relations with Brain

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Abstract:

Throughout the ages people have composed countless feats for love. Hundreds of empires have been destroyed just as the Taj Mahal was built for love. Countless literatures have been written for love. But what is that love at all? Ever questioned you? Science says that love is just a manipulation of some hormones. Love is a huge topic for all people. But what is this love? Have we ever thought about that deeply? Probably 98% of people are ignorant about the definition of love. The world's mortal scientists and psychologists have done extensive research on the chapters of love and affection. But no one could say the last word about this issue even today. However, according to their research, when a man or women fall in love, a large amount of a chemical is released from the brain.

What is love?

If those who are familiar with the feeling of love are asked to say in one word what is love? then all of them will go through the thousands of feelings in their minds for the right words. If the phrase "this is an addiction" is put in front of them at that awkward moment, they will immediately close their eyes and agree. And they will find support for their claim to modern science. Science says: The kind of chemical process that people addicted to drugs like alcohol, heroin, charas, etc. fall prey to; People who fall in love also fall into the same chemical process.

According to the science, love is a kind of chemical state of our mind this is due to our genes and the process of our growing up. And this love is very important for our survival.

True love makes us happy, inspires us. Because of love, people can do many things that normal people do not or cannot do. This rare feeling that sets man apart from other creatures in the universe.

How love is related to human brain?

Dopamine, norepinephrine, oxytocin, vasopressin and many other

hormones can make people fall in love. Even when this hormone is chemically applied to the human body, they feel that love.

Anthropologist Helen Fisher of Rutgers University and neuroscientists Lucy Brown and Arthur Aaron conducted a study on about 40 students who fell in love. The nature of their research was as follows. In front of the lovers, a picture of their loved one was placed, and a functional MRI of their brain was done. It was found that the brain was being stimulated at this time.

And from the brain a lot of a chemical called dopamine is being released. However, if more dopamine is found in someone's body, it may not be that he has fallen in love. In fact, non-romantic reasons can also increase dopamine release. For example, if you use cannabis or cocaine. That's why we often see the behavior of people who are affected by love is often as volatile as cocaine addiction.

Scientist von Steinbergen and his team conducted experiments on 43 newlyweds (23 boys students, 20 girls students). Scientists first enlisted the help of "Passionate Love Scale" to understand how deeply they fell in love (yes, there is such a scale!) The test takers are then asked to play some romantic songs before going to the actual test and to think about the good moments they spent with their partner. After all the thinking, and listening to the songs, they are allowed to do some work where they have to make decisions using their own thinking power, choosing everything that is consistent from the innumerable inconsistent information, numbers, symbols. The results of this test show that those who have gain score high on the Passionate Love scale are relatively inexperienced in working with thinking ability.

In 2000, a study by Samir Zaki and Andres Bartels of University College London found that at least two areas of the brain were more active during love. These are the media insular foci, which help the brain to relax, and the other is the anterior cingulate cortex, which acts to provide a feeling of euphoria.

A General Theory of Love-

In A General Theory of Love, three psychologists from UCSF give a detailed account of scientific theories and discoveries about the role of organs in love, intimacy, and social bonding. They proceed to conclude that our nervous processes are not controlled by ourselves, but by the people around us and those close to us, and this can be proven with certainty. This empathy, which experts call organ resonance, is a skill that we share with all mammals through the physiological features of the organ-regulating areas of the brain.

The study concludes based on previous research on the importance of physical contact and affection in previous social and awareness formation, such as an experiment on rhesus monkeys conducted by Harry Harlow, which established the biological results of the first loneliness.

Does breaking up a long-term love affair cause you chest pain? If so, it is not your fault. Scientists say that the networks of the brain that work during physical pain stimulate the same network during mental pain, so this type of chest pain can occur.

No matter how difficult science may say about love, human society has been composing history through this love for ages. Which has immortalized the human race from generation to generation?

Conclusion

After living together for a long time, both of them show loyalty to each other. At this time they basically built houses. According to scientists, this feeling is caused by two hormones. Oxytocin and vasopressin.

So what is the matter? Love is a kind of science!

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