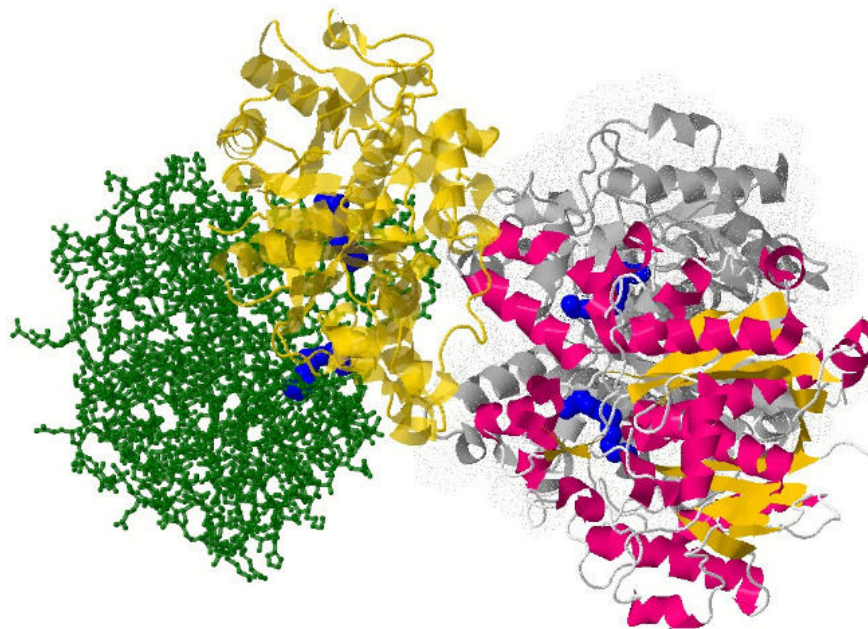


# Porcn enzyme anti-cancer of porcupines can promote the regeneration of heart tissue

A group of US medical scientists have just announced that they have found a drug made from enzymes on porcupine specialized for cancer treatment that is capable of regenerating more muscle tissue, helping prevent congestive heart failure. Currently the information is causing a stir among the medical world.

A group of US medical scientists have just announced that they have found a drug made from enzymes on porcupine specialized for cancer treatment that has the ability to regenerate more heart muscle tissue, helping prevent congestive heart failure. Currently the information is causing a stir among the medical world.

According to information posted on the Yearbook of the Russian Academy of Sciences, there are many parts of the human body that are constantly developing but only the heart is not. Because the heart is unable to repair its own DNA damage. So, those who often suffer from heart attacks will almost always have permanent diseases that are hard to treat. In the long term, it leads to symptoms called heart failure.



For many years, Dr. Lawrence Lum, Professor of Cell Biology at Southwest UT Medical Center, has developed an anti-cancer drug targeting the Wnt molecule.

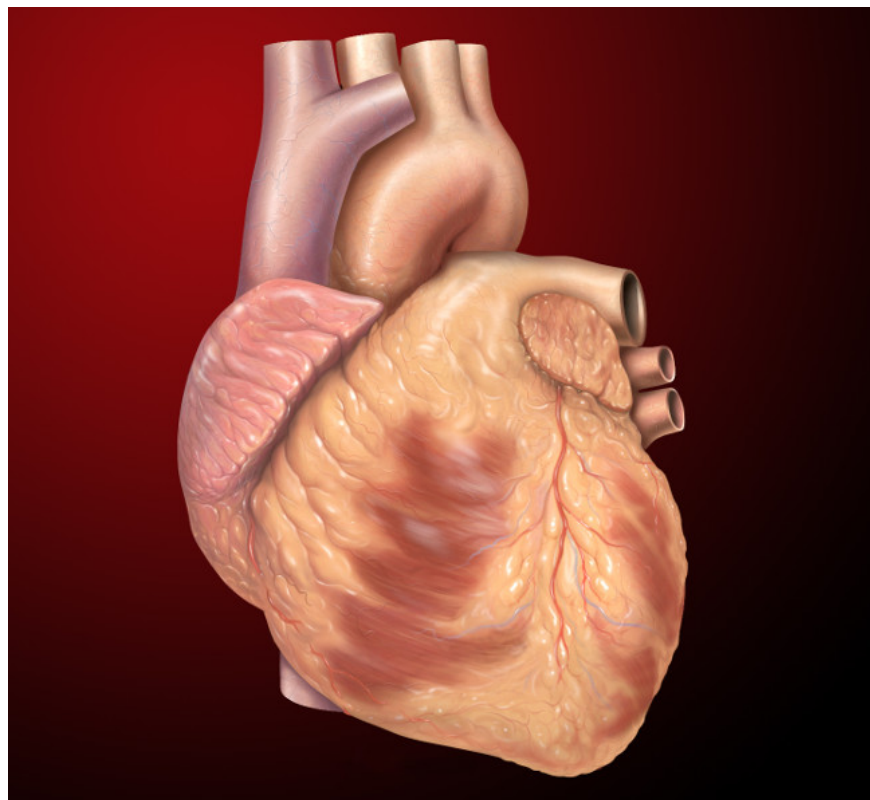
Previously, Wnt molecules in the known drug often contributed to tissue regeneration, causing cancer. And an enzyme on the porcupine found by scientists is called Porcn enzyme, which is capable of inhibiting the cancer-causing molecule Wnt. However, it is not just that when this enzyme is found to be able to promote the

development of heart tissue.



' We found side effects of the target Wnt anti-cancer drug with Porcn enzyme of porcupine reaching 0% in bone and hair. But surprisingly, the cardiomyocytes index (the number of cardiac muscle cells) has increased dramatically, "said Dr Lum, the lead author of the study.

Not only participating in supporting cancer treatment, Porcn Enzyme in porcupine also has the ability to regenerate the heart tissue. This is an extremely new medical discovery, showing the importance of this drug with the mission of rebirth in medicine. Currently, the scientific group is continuing to study more in depth on this issue.



Another mission showed that for mice with heart attacks, after injecting porcine Porcn Enzyme into the body, the results showed that the heart attack was quickly inhibited. The heart starts to pump blood and recovers faster

than the unzipped mice.

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