

# Stunned to discover Indian long pepper can fight cancer

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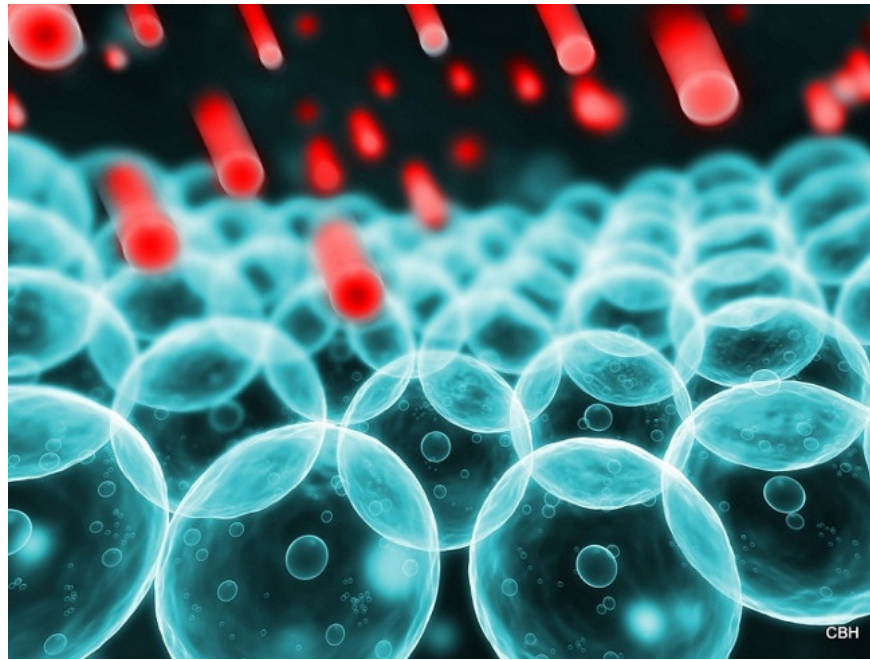
Indian medicine is causing a stir in the medical world discovered global medicine by a remarkable new find on the **spice long pepper** is called in this country.

According to a latest announcement comes from scientists at the Medical Center Southwest, India said that, with a spice common in India named Pepper long had the ability to fight **cancer** .

Explain more about this problem, the scientists said in the pepper has a chemical that can prevent the body from producing enzymes damage, an enzyme commonly found in cancer tumors with large amounts.



The secret lies in that is a chemical called **Piperlongumine (PL)**, this substance prevented the body produce enzymes harmful appear in **cancerous tumors of the breast, lung, colon, lymphoma, blood cancer, this cancer, brain cancer** .



Moreover, as technology x-ray crystallography, the researchers also found that, when inside the body, substances Piperlongumine (PL) has the ability to convert the molecule into HPL, molecular substances capable GSTP1 gene trigger for stronger action. Reportedly, GSTP1 is capable of producing an enzyme that detoxifies all the toxic enzyme found in cancer tumors .

*'We hope that, with the switching mechanism molecular Piperlongumine (PL) in pepper long India, hopefully we will find a solution to the treatment of cancer associated with smoking as well as the method radiation oncology in the future "*. Dr. Kenneth Westover, associate professor of Biochemistry and radiation Oncology India said in a statement.

Before, spices native to India often in all known medicines have a long time during the year 3000. And this discovery is a practical demonstration that the hypothesis above is convinced.

The new study was conducted by the Fund supports Cancer Research India, coach Jim Valvano legendary basketball, Welch Foundation funds and fund prevention and cancer research in Texas.

According to a source from the Internet, said the Indian long pepper, also known as **pepper** tree is a popular **tire** of them spend Piperacease. Herbaceous plants have a root of crawling, vines like black pepper. Stems upright, smooth. The upper surface of the leaf is smooth, the underside has fine hair and lighter color than the upper face. Leaves alternate, ovate oblong about 10 cm wide by 3 cm, slightly off the original heart-shaped, pointed, on the smooth lower surface and the hair, especially in tendons, veins 5-7, petiole short slightly hairy, with loops at the base.



Tires are used quite commonly in Indian and North African dishes. Due to differences in **terpene** composition, black pepper does not replace tire targets. The taste of tire pepper is considered a mixture of spicy and sweet. Spicy tires are more pepper than black pepper, so people "eat less spicy" should be cautious. Tire pepper comes to Europe before the current black pepper.

This research has just been published in the Journal of Biological Chemistry.

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