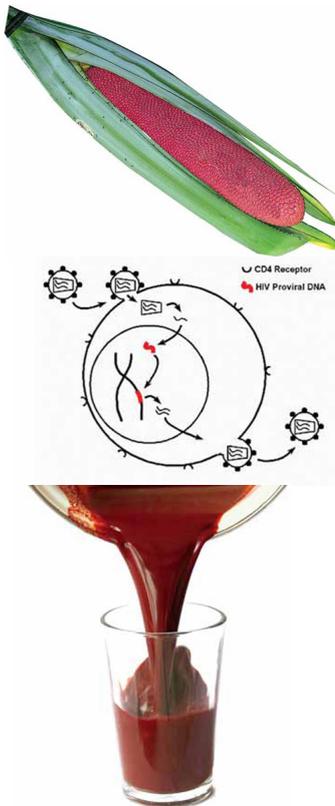


The Kiss of Death for the Deadly Virus

Written by Administrator
Thursday, 24 June 2010 06:25



'Kiss of death'. The research theme which is similar to the name of a trash metal music group from Italy escorted three researchers from Israel and the United States achieving the 2004 Nobel Prize for chemical field. With one kiss of death, the bad cancer cell is vanished. Far away in Papua, the HIV virus/ AIDS are conquered by the kiss of the red fruit (buah merah) betacaroten.



The researchers Aaron Ciechanover, Avram Hershko-both are from Israel, and Irwin Rose from the United States, revealed that human body has automechanism protection of deadly disease. Ubiquitin-a small protein with 76 amino acid-is behind that mechanism.

According to the researchers, the human body works to change, synthesize, and crush the protein everytime. Within that process, some parts of the protein turn bad so they have to be eliminated otherwise the body will be easily infected by disease, for example cancer. Thus, a kiss of death named ubiquitin 'is kissed' onto the bad protein.

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'The lip mark' becomes a signal for the cell transport machine to transfer the protein to proteasome. There, the bad protein is cut into pieces and then are recycled into a new friendly cell. The research finding has encouraged a pharmacist company to launch a bone cancer medicine with the brand *Velcade*.

Unknown

Not less spectacular research emerged from the far east of Indonesia. From Papua, the red fruit *Pandanus conoideus* is like a drop of dew of hope for the HIV/ AIDS sufferers. Under the supervision of Drs I Made Budi, MS, 3 adults and 1 toddler of AIDS (Acquired Immune Deficiency Syndrome) sufferer

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and 2 adults of HIV (Human Immunodeficiency Virus) sufferer, had a treatment by drinking the red fruit

essence. Each 3 tablespoonfuls per day for the adults AIDS sufferer, 2 tablespoonfuls for the HIV sufferer. The treatment was begun in April 2004.

The result is happened to be extraordinary. Agustina Sawery, the AIDS patient with the most severe condition-stage III-is slowly to heal. Within 5 months her body weight which was only 28 kg raised up to 48 kg. The successive disease as a result of the dropped body immunity because of virus infection, such as damages on human tissue near anus

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heart and lung disorder

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and fungi infection around the mouth got better. According to Budi, the caroten and betacaroten content-all of which are antioxidant-are functioned to increase body immunity. Such is due to the interaction between vitamin A-comes from caroten and betacaroten-and amino acid on protein. By consuming the red fruit

essence, the food protein consumed is bundled in order to be absorbed by the body and not to be wasted through feces. It is due to the HIV/AIDS sufferer's absorption is very weak.

Within 5 months treatment, the observed virus were no longer appear. The cause is the antioxidant in the red fruit converted certain structure of protein amino acid. Whereas the protein is needed by the AIDS virus as the 'main course' to proliferate. 'Because of the amino acid

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structure is altered, the virus can no longer recognize it,' said the lecturer of Cendrawasih University, Jayapura. The result is, the virus 'dies' hunger and cannot breed.

The sun block

Tokoferol content of red fruit is quite high, up to 11.000 ppm. Just as vitamin E, *tokoferol* is a free radical preventive antioxidant resource like plumbum. Its functioned to slow down aging, enhancing reproduction fertility, and preventing degenerative disease, such as cancer, diabetes, and heart coroner.

It is proven by Dr Chairil, Apt, a researcher in the Biology Research and Development Centre (*Puslitbang Biologi*), LIPI

. When he conducted a research in the 1970s he found that the Wamena people's skins are soft and smooth. Whereas that area is located on 2.000 m above the sea line 'In higher ground, ultraviolet rays are sharper, the result is the skin and the tissue are easily to get damaged,' said the alumnus of University of Osaka City. Apparently, the Wamena people rub the red fruit essence-which functioned as sun block-before travelling.

Still at the same year, Dr Muhilal's research, a researcher in the Nutrient Research and Development Centre (*Puslitbang Gizi*), Bogor, shows the lack of vitamin A prevalency in Papua is lower than in Java. Such is due to the routine consumption of the red fruit which contains betacaroten and caroten, the vitamin A source.

Important Gen

Made Budi's invention about HIV/ AIDS completed numerous research done by researchers in all parts of the world. Despite intensive researches have been done for more than 20 years, a powerful cure for HIV/ AIDS has not yet been found. The virus which was first found by Michael S Gottlieb seems to be undefeatable. Various new findings are limited on improving the sufferer's life quality and decreasing their suffering.

Take one example, an antiretrovirus medicine. It blocks the virus ability to multiply itself. It delays

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the AIDS presence by slowing down the patient's loss of CD4 cell, but it does not cure. The amount of CD4 cell is among the indicators of the AIDS presence. The HIV/ AIDS sufferer has the amount of CD4 cell under 200.

A recent research which was the unification of researchers from University of Oxford (UK), Massachusetts General Hospital (US), and University of KwaZulu-Natal (South Africa) was reported by United States Department of States in Desember 2004 had successfully identified the gen which became the key in fighting HIV.

The main focus of the research was on the body molecule named human leucocyte antigen (HLA). The HLA works the similar way with the ubiquitin kiss of death does-giving signal to the immunity system to recognize the HIV infected cell which has to be destroyed. From 3 types of HLA, B type is the most aggressive. The finding is important as the basis to make HIV infection prevention vaccine. A hope is rising in Papua. It is a possibility that the deadly virus will be conquered by the kiss of *sauk eken*-the name for red fruit in Baliem valley.

Notes:

1. The protein inside the HIV virus 'link' on CD4 cell target
2. The HIV virus duplicates its genetic matter.
3. The HIV virus inserts its genetic matter copy

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