

REAL CAUSES OF ALZHEIMER'S DISEASE

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Is Alzheimer's Disease Tied to an Infection?

An abundance of evidence suggests that Alzheimer's disease may, in fact, be caused by an infection.

But there are many other factors at play, including exposure to mercury and aluminum, brain trauma (especially if it is repeated) and aging of the brain itself.

What all these things have in common is that they cause brain immunoexcitotoxicity secondary to chronic microglial activation.

Studies published in the "Journal of Alzheimer's Disease" have shown that infectious diseases of the brain, especially when they are chronic, can result in brain degeneration that pathologically resembles Alzheimer's disease/

Such infectious organisms include:

Chlamydia

Herpes simplex virus-1 (HSV-1)

Syphilis spirochete

Lyme organisms

H. Pylori

Cytomegalovirus

Periodontal bacteria (bacteria around the gums)

All of these infections are common.

In several studies, spraying Chlamydia into the nose of mice and rats or infecting the brains of animals with the other organisms induces the same pathological changes as seen in human cases of Alzheimer's disease.

In all of the infections, the bacteria or viruses persist within the brain in a latent form, but can be activated when a person's immunity drops. It appears that it is recurrent infections that keep the microglia active, thus triggering constant immunoexcitotoxicity.

Human studies have shown that high levels of antibodies against herpes simplex virus-1 (HSV-1) seem to protect people against Alzheimer's disease.

Another study found HSV-1 was more commonly found in the brains of people dying from Alzheimer's disease, and that having antibodies to HSV-1 alone increased a person's risk of developing the disorder by 38 percent.

Having antibodies to HSC-1 and having the APOE-4 gene increased risk by 271 percent.

The APOE-4 gene alone is known to greatly increase risk of developing Alzheimer's disease. People with the APOE-4 gene have been found to have higher concentrations of HSC-1 virus in their brains, according to the "Journal of Virology".

Parkinson's disease has also been linked to infections with the same viruses and bacteria.

It has been known for some time that a high intake of the amino acid lysine can suppress activation and replication of the herpes family of viruses, including HSV-1, and that it might also reduce one's risk of Alzheimer's disease.

But the suppression is variable, and some people have not experienced benefits.

More recently, it was found that curcumin potently suppressed the replication of the HSV-1 virus. It may also be a way to significantly reduce risk.

Another study, published in the "Journal of Medical Virology" tested various flavonoids against a variety of viruses including HSV-1

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