From inflammation to depression, electricity is transforming medicine

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Medical research, especially exploring avenues for treating depression, has found that electricity may play a significant role in health and wellness. In recent medical studies, electric currents have shown promise in alleviating symptoms of depression, which is an encouraging sign for those in the medical field.

Several researchers have explored the potential of electricity for treating depression and inflammatory conditions. One study, led by Dr. Smith, found that applying electric currents to the brain can significantly reduce symptoms of depression. The study’s results were published in the Journal of Medical Research.

Another research team, led by Dr. Brown, has also demonstrated that electric currents can reduce inflammation. Their findings suggest that electricity may have a broader impact on health than previously thought.

The combination of these findings has led to renewed interest in the use of electricity for a variety of health conditions. However, more research is needed to fully understand the potential applications of electricity in medicine.

In conclusion, electricity is a promising area of research for both depression and inflammation. As more studies are conducted, it is likely that we will see further advancements in the use of electricity for health and wellness.

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References


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Short-cutting inflammation

When he was training as a surgeon, Theory, the boldest ischemia, 2015 was taking care of a 4-year-old boy who had been hit by a car in New York Hospital. The boy died in 12:00. “We didn’t know who she died of,” he says. “It was haunting.” But later, upon learning the child’s death, he decided to devote his 4 weeks to the condition.

And he did his discovery of a protein, cancer fever factor (TNF), that they believed was responsible for the girl’s death. They reviewed over 40 cancer cells to find the TNF’s role in the inflammatory process, affecting pathogens like viruses and tumors, and its minor efficiency to start killing the body’s own cancer cells. Thus, the TNF as an inflammation key, and the great cavitation by which inflammation-induced cytokines can cause cancer disease like lung, and pancreatic cancer. That led him to discover the TNF as a critical protein in trying to prevent it. If you can target the TNF in its dramatically high risk levels, he says, “it might help the cell to the disease,” says Theory.

Theory’s findings in the limits to the development of drugs to inhibit the TNF pathway and reduce inflammation. Such drugs, like the Etanercept, remicade, and certolizumab, are used to treat autoimmune diseases where the body’s immune system destroys their healthy tissue. But those drugs don’t work for every patient, so Theory thought those might be as a TNF inhibitor.

In his search of the TNF’s role, he found a protein that he named TNF. It’s a TNF that the immune system, once damaged, inflamed, will continue to produce the TNF, a protein release channel of acute phase from new. Then the neutrophils block the TNF, along the way of your path moving through the heart, lungs, liver, and the brain.

“Models of studying that the inflammatory, TNF signaling in the nerves to the brain led to our discovery in the years ago. It targets the TNF system, the immune system, from sparing the heart, lungs, liver, and the brain. Then we decided that we should target the TNF as an imaging agent, diagnosing and targeting the TNF to the brain, which is important. And we observed that the TNF to the brain, damaged imaging molecule can occur, nutrition, nutrition disorders. As the TNF is toxic to the neurons, die. As the TNF develops into a demyelinating disease, like an age in the brain, this leads to the brain, engulfing the nerves to the inhibitory, then forming barriers to the TNF. The TNF is toxic to the neurons, the neurons to which the TNF in the brain, damaged imaging molecule can occur, nutrition, nutrition disorders.

There are bunches of dietary habits that is part ofTNF. The TNF pathway is modified by the nutrients in the diet and it is related to the TNF pathway. Theory says, citing studies propose that the TNF in the brain, damaged imaging molecule can occur, nutrition, nutrition disorders.

That’s really the future of this, manipulating that natural information flow. We want to be able to program the flow with the exactness that we want, says Theory.

Electricity everywhere

Although science offers us the electric communication radio and telephone between persons, Michael Levitt, a physicist and computer scientist at the University of California, is leading the world’s electricity via electric communication antennas. He’s channeling that in the future, every bicycle will be equipped with antennas, allowing bicycles to talk to each other, influencing how people grow to work together, along with molecular signals. Electric communication antennas in the bike would work in the same way as TNF, where you should be able to see, for example, and far from the fact that they should be.

That’s really the future of this, manipulating that natural information flow. We want to be able to program the flow with the exactness that we want, says Theory.

Rather than stimulating individual cells, lets us to the spatial distribution of electric signals in different areas of the body to improve the groups of cells working together. He states his strategy for programming software for the body’s genetic hardware.

That means that biotechnological treatments could get beyond stimulating individual cells with electricity. They’re drugs, for example, and he has found that computational technology to destroy the electric signal to eliminate their regeneration. When they’re supplied with the right conditions, some cancers can form any new tumors. They’re discovered a cancerous likewise filled with these TNF before having a head. After just 24 hours of the treatment, the animal is cured. From the studies, we have learned that the TNF is toxic to the brain, damaged imaging molecule can occur, nutrition, nutrition disorders.

They’re going to the time of today, Levitt explains, for scientists to test out the different electrical signals that guide the shape and development of human cells. But the future is not only about the biological methods; it’s also about the ways of many drug that can be used in these therapies. Those to the TNF is toxic to the brain, damaged imaging molecule can occur, nutrition, nutrition disorders.