



Why W neurons decreases and C neurons increases in fever?

K. M. Yacob

Marma Health Centre, India

As you aware, if temperature increases (Absence of fever) after 31 degree Celsius, Warm sensitive neurons increase their firing rate and inhibit Cold sensitive neurons as core temperature increases. As temperature drops, the firing rate of Warm sensitive neurons decreases, reducing their inhibition, and Cold sensitive neurons which respond by increasing their firing rates. On the contrary to increase of temperature, in fever the firing rate of Warm sensitive neurons decreases, the firing rate of Cold sensitive neurons increases as core temperature increases. Inhibit warm sensitive neurons. The temperature increasing and decreasing controlled by the brain. The firing rate of Warm sensitive neurons and Cold sensitive neurons also controlled by the brain.

A practicing physician in the field of healthcare in the state of Kerala in India for the last 30 years and very much interested in basic research. My interest is spread across the fever, inflammation and back pain. I am a writer. I already printed and published nine books on these subjects. I wrote hundreds of articles in various magazines.

[Global Conference on Nursing Education and Health Care, November 23-24, 2020](#)

[Yacob Mathai, Fever is not a symptom in covid-19 None of the diseases require fever as its symptom., Global Conference on Nursing Education and Health Care, November 23-24, 2020](#)



Fever and its Symptoms
Diseases and its Treatment