

WORLD IMMUNOLOGY CONGRESS

DECEMBER 14-15, 2017 DUBAI, UAE



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During fever, why our body acts against facts of physics?

According to the facts of physics, if temperature increases, thermal expansion of an object is positive, it will expand and with decrease of temperature it will shrink. Pressure will increase due to increase of temperature. On the contrary, during fever we can see blood vessels and skin are shrunk, pressure decreases, body shivers, sleep increases, motion decreases, inflammation increases, body pain increases, blood circulation decreases, dislike cold substances, etc. In fever, the firing rate of warm sensitive neurons decreases and the firing rate of cold sensitive neurons increases. At the same time, if we apply heat from outside by thermal bag or if we drink hot water, our body acts according to the facts of physics- increase of temperature, pressure will also increase, expands blood vessels and skin, body sweats, motion will increase, inflammation will decrease, body pain will decrease, blood circulation will increase, like cold substances, etc. During fever, why our body acts against facts of physics? We will get a clear answer if we find out the purpose of fever. No medical books clarify this. During fever, if the temperature of fever is not a surplus temperature or if it is not supposed to be eliminated from the body, the shrinking of skin and blood vessels, shivering of body, dislike towards cold substances, etc. are a protective covering of the body to increase blood circulation to important organs of the body. Is it not against the facts of physics?

Biography

K M Yacob is a practicing Physician in the field of Healthcare in Kerala, India for the last 29 years. His research interest is spread across fever, inflammation and back pain. He has published nine books and wrote hundreds of articles in various magazines and has scientific studies, and developed 8000 affirmative cross checking questions which can explain all queries related with fever.

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