



HATTED FAT CELLS

THE PRINCIPAL CHARACTERISTIC

They are the cells that form the fat tissue.
Their fundamental characteristic is that they store a large amount of fat.

WHY DO THE CELLS THAT STORE FAT - ADIPOCYTES - FATTEN AND BURN FAT MORE SLOWLY AND LESS EFFICIENTLY?

Researchers have analysed the "tiny signals" that make fat move from one cell to another; so, they have demonstrated a fundamental and previously unknown role of a molecule called Sfrp5.

The work has identified a signaling pathway of this molecule, known as WNT, which stimulates adipocytes to grow more and suppresses the order to burn fat. In the study, the experts modified this signalling pathway and caused the adipocytes of the mice, despite having been fed a diet rich in fat, not to get fatter and to burn fat more quickly.

