Water

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indispensable component for the formation of cells, genetic information, and biological processes in the body!

Water is still far from being fully understood scientifically today. Chemists and physicists remain fascinated by how the small water molecules, acting like magnets, organize themselves and what enormously complex tasks water fulfills in everything that lives. Biochemists have only recently discovered that water controls the activities of proteins in all living organisms to a very extensive degree. Proteins, the building blocks of life and the basic substances of our DNA can only form bonds and chains - that is, biological material - when hexagonally arranged water molecules "cushion" the cavities between the protein bases. Proteins need these cavities in order to find the appropriate partner for more complex compounds within them. To do this, they move about in these "water pockets" between them.

The Marburg chemist and pharmacologist Prof. Dr. Gerhard Klebe and his research group discovered this through groundbreaking experiments: "Nearly every biological process proceeds through the mutual recognition, binding, and often also chemical conversion of biomolecules," says Professor Klebe. "Substrates, hormones, and other signaling molecules, as well as pharmaceuticals, bind to proteins in order to achieve their specific effect." In the interaction, hydrogen bonds form in particular between the binding partners. An example: Thrombin, which the body produces for blood coagulation, changes dramatically when just a few small water molecules are removed. So far, nobody knows how water does that.

WATER IS THUS NOT ONLY A SOLVENT AND TRANSPORT MEDIUM THAT TRANSPORTS THE VITAL SUBSTANCES IN AND OUT OF OUR BODY AND MAKES THEM AVAILABLE, IT IS ALSO AN INDISPENSABLE COMPONENT FOR THE MOST FUNDAMENTAL PROCESSES SUCH AS THE FORMATION OF OUR CELLS, OUR GENETIC INFORMATION, AND THUS FOR ALL BIOLOGICAL PROCESSES IN THE HUMAN BODY.

Further new scientific findings about the fascinating importance of water for life will follow shortly at https://t.me/truuinfochannel

It's good.
to be truu.