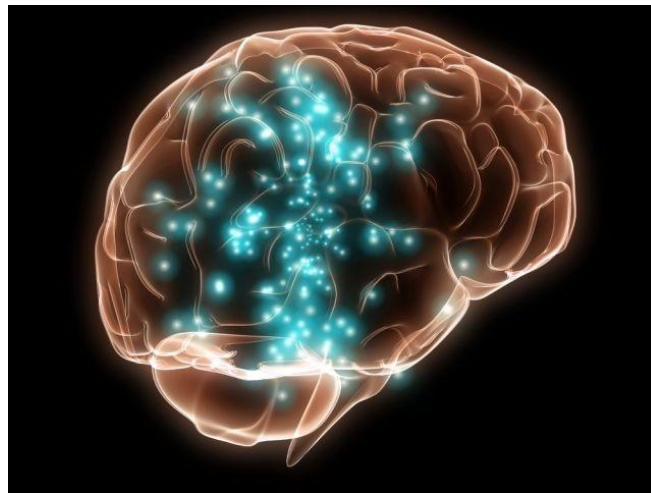


Nanoparticles: a secret and dangerous invasion?

Nanoparticles are increasingly present in our life like in food, textiles or medicine.
Why should we care?



© Sebastian Kaulitzki/shutterstock.com

You should know that more than 1000 consumer products contain it. Right now most people don't know this!

Indeed, European industries are not obligated to indicate their presence on product labeling. But this does not mean that we should!

They pass our body's biological barriers and because of their small size they spread into the blood through the veins, where they accumulate in our body. They are not eliminated because our body does not have the capacity.

They are concentrated in the organs such as kidneys, testes, brain, etc ... This leads to toxicity and inflammation that can cause cancer or fibrosis. The nanoparticles also pass the placental barrier and therefore can affect the fetus. Because there are so few studies on the effect of nanoparticles, we can't confirm their side effects, so we do not know all the dangers that they could pose to our health.

Take for example sunscreen: today, there are nanoparticles of titanium dioxide and zinc oxide, which improves the fluidity of sunscreen and prevents residual white marks, which avoids "being white as a sheet!" But this progress is not without risk: in the case of abrasions, application of sunscreen can cause DNA damage, cell destruction and inflammation.

Although the presence of these nanoparticles is not directly stated, do not ignore their presence!

Marjorie Laurier, Anaïs Lelièvre and Aurélie Marchin
Lycée Camille Claudel, Blois, FRANCE