

Beyond the Water: Assessment of Micro Plastic Contamination in our Bodies

Biodiversity

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Abstract

Plastic is one of the most abundant materials on our planet due to its low cost and the uncountable number of uses we have for this ubiquitous material. Furthermore, a vast majority of this plastic waste ends up in our rivers or seas, contributing to water pollution. We live in a world where the presence of plastic is constantly increasing, but are we really aware of the impact in our bodies? Perhaps we are really affected by micro plastics and we can find them in our organism.

The aim of this research is to verify if micro plastics are present in nearby rivers and the Mediterranean Sea by analyzing its water. We aim to prove whether or not micro plastics are present in the water cycle, as well as to determine if they are present in our daily water and food intake. Finally, we will analyze if these micro materials do indeed reach our organism and prove whether there are micro plastics present in our sweat, cells and urine.