

Part III: Polymers

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Microplastics as new emerging contaminants on human health

Valentina Notarstefano

Università Politecnica delle Marche, Italy

v.notarstefano@staff.univpm.it

Abstract

Microplastics are nowadays considered ubiquitous contaminants and hence it is not surprising to find their presence even in human organs and tissues. In 2020, our research team detected for the first time the presence of MPs in human placenta. The study has received a big echo, not only among scientists, since it raises new questions about the possible damages caused by these microparticles in human health. In this presentation, we will describe the recent studies on the effects of MPs in model animal tissues and organs, shedding new light on the possible implication for humans.