

# Pharmaceuticals and personal care products in the environment - scientific and regulatory issues

American Chemical Society - International scientists' priorities for research on pharmaceutical and personal care products in the environment



Description: -

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Toilet preparations -- Toxicology

Drugs -- Toxicology

Toilet preparations -- Environmental aspects

Drugs -- Environmental aspects  
Pharmaceuticals and personal care products in the environment - scientific and regulatory issues

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ACS symposium series -- 791  
Pharmaceuticals and personal care products in the environment - scientific and regulatory issues

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## Environmental impact of pharmaceuticals and personal care products

Although the toxic effects of many PPCPs are limited to concentrations much higher than typically detected in the environment, there is growing scientific evidence that these compounds can act as Ecological Disrupting Compounds with heretofore unknown and unpredictable long-term effects. Upon examination of factors relevant to risk perception, there was no definite link found between perception and education or income.

## [PDF] Pharmaceuticals in the environment: scientific evidence of risks and its regulation

Comp Biochem Physiol-C Toxicol Pharmacol.

## Emerging Contaminants Taint Drinking Water Supply

The relationship between risk perception and behavior is multifaceted. However, it will not bind to the soil. The fraction not taken up into the blood stream will remain in the gut and eventually be excreted via the faeces.

## Pharmaceuticals in Environment: Global Concerns and Regulations: Medicine & Healthcare Book Chapter

Diphenhydramine exposure altered bacterial composition on novel test substrates in streams by increasing the relative abundance of a common biofilm producing bacterium, *Pseudomonas*, while causing relative decreases in *Flavobacterium* sp. By educating patients on proper disposal of unused drugs, steps are being taken to further prevent pharmaceutical waste in the environment.

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