

An end to the controversy over the microscopic detection and effects of pristine microplastics in fish organs.

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Supplementary Tables

Supplementary Table S1. Histopathological assessment tools for intestine.

D. rerio	Test Group	Sex	Circulatory Disturbances (rp1)						Regressive changes (rp2)																																									
			Haemorrhage / hyperaemia / aneurysm			Intercellular oedema			Epithelium						Lamina Propria																																			
			I org rp			Architectural and structural alterations		Plasma alterations		Deposits		Nuclear alterations		Atrophy		Necrosis		Architectural and structural alterations		Plasma alterations		Deposits		Nuclear alterations																										
			w	a	a x w	w	a	a x w	w	a	a x w	w	a	a x w	w	a	a x w	w	a	a x w	w	a	a x w	w	a	a x w	w	a	a x w																					
T0	CONTROL	F	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0	3	0	0	1	0	0	1	0	0	2	0	0	2	0	0	2	0	0	2	0	0			
		F	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0	3	0	0	1	0	0	1	0	0	2	0	0	2	0	0	2	0	0	2	0	0			
		M	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0	3	0	0	1	0	0	1	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0
		M	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0	3	0	0	1	0	0	1	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0
T30	FLUORESCENT	F	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0	3	0	0	1	0	0	1	0	0	2	0	0	2	0	0	2	0	0	2	0	0			
		F	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0	3	0	0	1	0	0	1	0	0	2	0	0	2	0	0	2	0	0	2	0	0			
		F	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0	3	0	0	1	0	0	1	0	0	2	0	0	2	0	0	2	0	0	2	0	0			
		M	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0	3	0	0	1	0	0	1	0	0	2	0	0	2	0	0	2	0	0	2	0	0			
		M	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0	3	0	0	1	0	0	1	0	0	2	0	0	2	0	0	2	0	0	2	0	0			
		M	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0	3	0	0	1	0	0	1	0	0	2	0	0	2	0	0	2	0	0	2	0	0			
T30	COSMETIC	F	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0	3	0	0	1	0	0	1	0	0	2	0	0	2	0	0	2	0	0	2	0	0			
		F	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0	3	0	0	1	0	0	1	0	0	2	0	0	2	0	0	2	0	0						
		F	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0	3	0	0	1	0	0	1	0	0	2	0	0	2	0	0	2	0	0						
		M	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0	3	0	0	1	0	0	1	0	0	2	0	0	2	0	0	2	0	0						
T30	CONTROL	F	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0	3	0	0	1	0	0	1	0	0	2	0	0	2	0	0	2	0	0	2	0	0			
		F	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0	3	0	0	1	0	0	1	0	0	2	0	0	2	0	0	2	0	0						
		M	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0	3	0	0	1	0	0	1	0	0	2	0	0	2	0	0	2	0	0						
		M	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0	3	0	0	1	0	0	1	0	0	2	0	0	2	0	0	2	0	0						
T45	FLUORESCENT	F	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0	3	0	0	1	0	0	1	0	0	2	0	0	2	0	0	2	0	0	2	0	0			
		F	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0	3	0	0	1	0	0	1	0	0	2	0	0	2	0	0	2	0	0						
		F	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0	3	0	0	1	0	0	1	0	0	2	0	0	2	0	0	2	0	0						
		M	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0	3	0	0	1	0	0	1	0	0	2	0	0	2	0	0	2	0	0						
		M	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0	3	0	0	1	0	0	1	0	0	2	0	0	2	0	0	2	0	0						
		M	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0	3	0	0	1	0	0	1	0	0	2	0	0	2	0	0	2	0	0						
T45	COSMETIC	F	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0	3	0	0	1	0	0	1	0	0	2	0	0	2	0	0	2	0	0						
		F	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0	3	0	0	1	0	0	1	0	0	2	0	0	2	0	0									
		F	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0	3	0	0	1	0	0	1	0	0	2	0	0	2	0	0									
		M	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0	3	0	0	1	0	0	1	0	0	2	0	0	2	0	0									
T45	CONTROL	F	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0	3	0	0	1	0	0	1	0	0	2	0	0	2	0	0	2	0	0						
		F	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0	3	0	0	1	0	0	1	0	0	2	0	0	2	0	0									
		M	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0	3	0	0	1	0	0	1	0	0	2	0	0	2	0	0									
		M	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0	3	0	0	1	0	0	1	0	0	2	0	0	2	0	0									
D E P U R A T I O N	FLUORESCENT	F	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0	3	0	0	1	0	0	1	0	0	2	0	0	2	0	0	2	0	0						
		F	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0	3	0	0	1	0	0	1	0	0	2	0	0	2	0	0									
		F	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0	3	0	0	1	0	0	1	0	0	2	0	0	2	0	0									
		M	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0	3	0	0	1	0	0	1	0	0	2	0	0	2	0	0									
		M	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0	3	0	0	1	0	0	1	0	0	2	0	0	2	0	0									
		M	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0	3	0	0	1	0	0	1	0	0	2	0	0	2	0	0									
D E P U R A T I O N	COSMETIC	F	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0	3	0	0	1	0	0	1	0	0	2	0	0	2	0	0	2	0	0						
		F	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0	3	0	0	1	0	0	1	0	0	2	0	0	2	0	0									
		F	1	0																																														

