Table S1. The concentration of SER sorbed on virgin and aged MPs, and in protozoan *S. ambiguum.*

Sample	MP [μg/g]	MP > SA [μg/g]	SA > MP [μg/g]
HL (100 μg/L)			
Virgin PET	70.3 ± 2.3	37.0 ±13.9	348.3 ± 59.9
Aged PET	58.3 ± 3.4	79.4 ± 8.9[1]	204.9 ± 43.8[1]
Virgin PS	79.9 ± 6.5	30.4 ± 7.3	450.2 ± 19.8
Aged PS	64.8 ± 1.0	40.3 ± 1.7[2]	647.5 ±130[2]
Virgin PVC	93.8 ± 3.3	32.5 ± 8.4	563.5 ±107
Aged PVC	82.2 ±15.7	48.3 ±7.2[2]	494.4 ± 6.1[2]
Tyrod	-	-	289.7 ± 80.2[3]
LL (10 μg/L)			
Virgin PET	7.33 ±0.55	3.53 ±1.02	54.3 ±20.4
Aged PET	6.69 ±0.76	6.50 ±0.77[1]	37.2 ± 7.10
Virgin PS	7.30 ±1.09	2.18 ±0.60	67.2 ± 8.10
Aged PS	5.06 ±4.00	2.45 ±0.91	72.2 ± 9.90
Virgin PVC	8.45 ±3.23	4.07 ±0.63	46.1 ± 7.60
Aged PVC	8.27 ±1.72	6.05 ±2.38	50.6 ±18.4
Tyrod	-	-	54.7 ±11.0[3]

[1] significantly different between aged and virgin sample

[2] significantly different to the value of PET

[3] concentration of SER in protozoans without MP

Table S2. The concentration of FLX sorbed on virgin and aged PSs, and in protozoan *S. ambiguum.*

Sample	MP [μg/g]	MP > SA [μg/g]	SA > MP [μg/g]
HL (100 μg/L)			
Virgin PS	15.18 ±0.91	11.78 ±1.07	347.2 ± 6.8
Aged PS	16.88 ±0.82	14.35 ±1.74	351.0 ± 5.4
Tyrod	-	-	229.4 ±39.9[1]
LL (10 μg/L)			
Virgin PS	1.72 ±0.08	1.88 ±0.41	38.0 ±3.27
Aged PS	1.81 ±0.13	1.97 ±0.19	42.1 ±1.22
Tyrod	-	-	24.1 ±1.25[1]

Table S3. The concentration of DLX sorbed on virgin and aged PSs, and in protozoan *S. ambiguum.*

Sample	MP [μg/g]	MP > SA [μg/g]	SA > MP [μg/g]
HL (100 μg/L)			
Virgin PS	7.81 ±0.59	5.01 ±0.63	487.5 ±113.8
Aged PS	15.0 ±1.27[1]	9.06 ±2.60[1]	204.0 ± 80.6[1]
Tyrod	-	-	375.5 ±129.4
LL (10 μg/L)			
Virgin PS	1.18 ±0.24	1.46 ±0.01	27.6 ± 7.33
Aged PS	1.56 ±0.19	1.59 ±0.13	65.5 ±16.73[1]
Tyrod	-	-	22.7 ± 0.14

[1] significantly different in comparison to the virgin MP samples ($p<0.05$).