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Supplementary Materials

Table S1. Cytotoxicity assay of the PCEC copolymers (for the highest concentrations tested (1 mg/mL)).

Sample	Cells survival ± SD [%]
PCEC-A1.7	96 ± 1
PCEC-A2.0	98 ± 4
Positive control	0 ± 0
Negative control	103 ± 7

Table S2. Genotoxicity assay of PCEC-A1.7 and PCEC-A2.0 samples (performed at the highest concentration (1 mg/mL), with and without metabolic activation).

	-S9[1]		**+S9[2]**	
Sample	G ± SD	IR ± SD	G ± SD	IR ± SD
PCEC-A1.7	1.03 ± 0.16	0.92 ± 0.08	1.07 ± 0.17	0.86 ± 0.17
PCEC-A2.0	0.98 ± 0.18	0.98 ± 0.18	1.05 ± 0.09	0.91 ± 0.20
Solvent control	0.95 ± 0.06	1.00 ± 0.01	1.02 ± 0.05	0.95 ± 0.00
Positive control	0.94 ± 0.00	2.31 ± 0.10	0.93 ± 0.05	1.59 ± 0.01
Negative control	1.00 ± 0.03	1.00 ± 0.07	1.00 ± 0.05	1.00 ± 0.08

[1] without metabolic activation, [2] with metabolic activation

Table S3. HPLC gradient for 5-fluorouracil analysis.

Time [min]	**Phase A [%] (H_2O + 0.1 % TFA)**	**Phase B [%] (ACN + 0.1 % TFA)**
0	99	1
7	96	4
12	20	80
22	20	80
27	99	1
33	99	1