



Figure S1. Zn content following exposure to nanomaterials. Zn content following treatment with MnO₂ NPs (grey bars) or ZnO-MnO₂ NPs (red bars) (12.5 µg/ml) for 24h. Independent experiments were carried out at least 3 times (n≥3). A *p* value of less than 0.05 (*p*<0.05) indicates statistical significance between control and treatment groups (*).

Elemental mass (%)	NPs	Elements		
		<u>Mn</u>	<u>O</u>	<u>Zn</u>
	MnO ₂	68	26.43	
	ZnO-MnO ₂	61.28	32.47	0.66

Table S1: Elemental composition of the NPs