

**Supplemental Table 4:**

Total concentration of Zn (<sup>nat</sup>Zn and <sup>68</sup>Zn), Cu and Cd, found in HCEsv cell soluble extract, obtained by flow injection analysis (FIA). Cells were cultured for 24h in the absence (control) or presence of: i) <sup>68</sup>ZnSO<sub>4</sub> (100μM) alone; ii) IL1α (100 U/ml), and iii) a combination of <sup>68</sup>ZnSO<sub>4</sub> (100μM) and IL1α (100 U/ml).

Treatment	<sup>nat</sup> Zn (μM)	<sup>68</sup> Zn (μM)	Total Zn ( <sup>nat</sup> Zn+ <sup>68</sup> Zn) (μM)	Cu (μM)	Cd (μM)
<i>Control</i>	4.2 ± 0.4	0.0 ± 0.0	4.2 ± 0.4	1.26 ± 0.01	0.0086 ± 0.0007
+ <sup>68</sup> ZnSO <sub>4</sub>	3.0 ± 0.2	7.6 ± 0.2	10.6 ± 0.4	1.02 ± 0.01	0.024 ± 0.001
+ <sup>68</sup> ZnSO <sub>4</sub> + IL1α	2.7 ± 0.2	9.2 ± 0.1	11.9 ± 0.3	0.594 ± 0.008	0.021 ± 0.007
+ IL1α	6.44 ± 0.2	0.0 ± 0.0	6.44 ± 0.2	0.768 ± 0.004	0.0136 ± 0.0001