

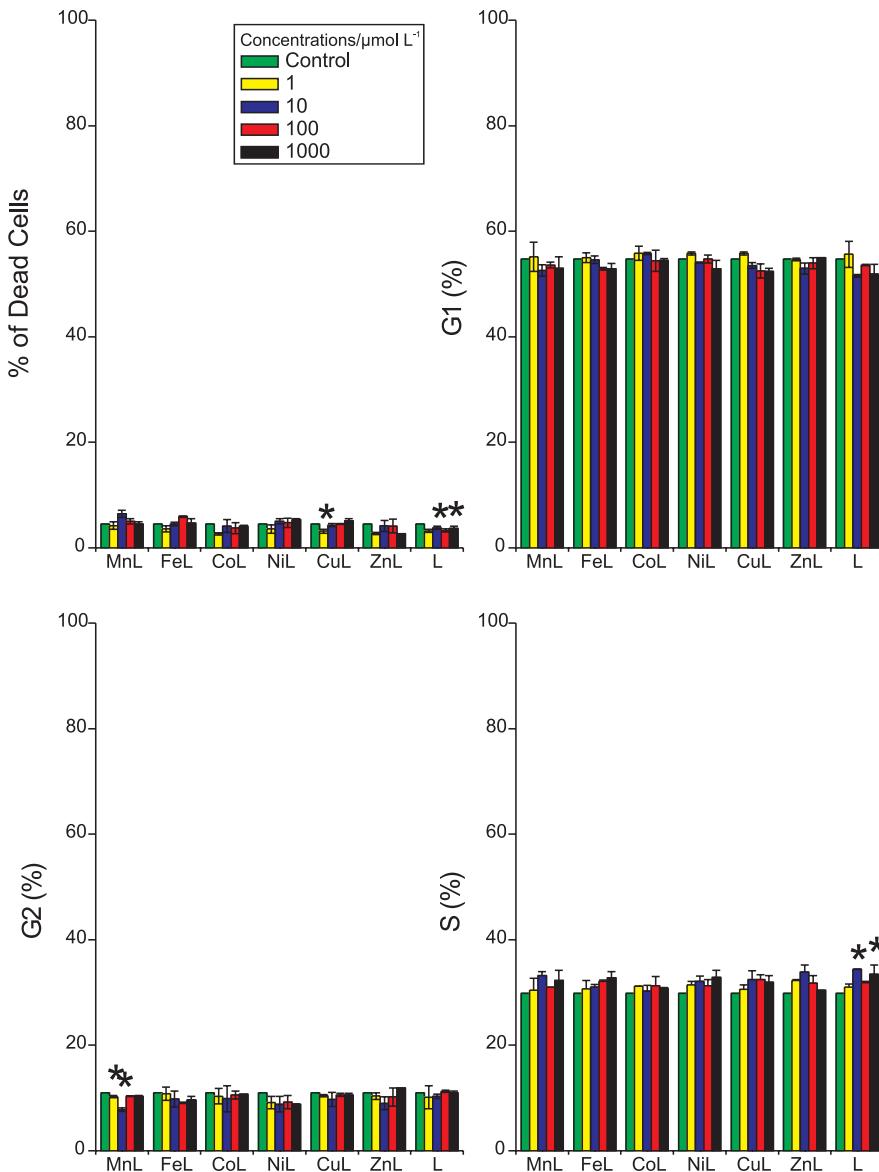
## 1 Biological Activity of Metal-edds (ethylenediaminedisuccinate) 2 Complexes in K562 and PBMC Cells

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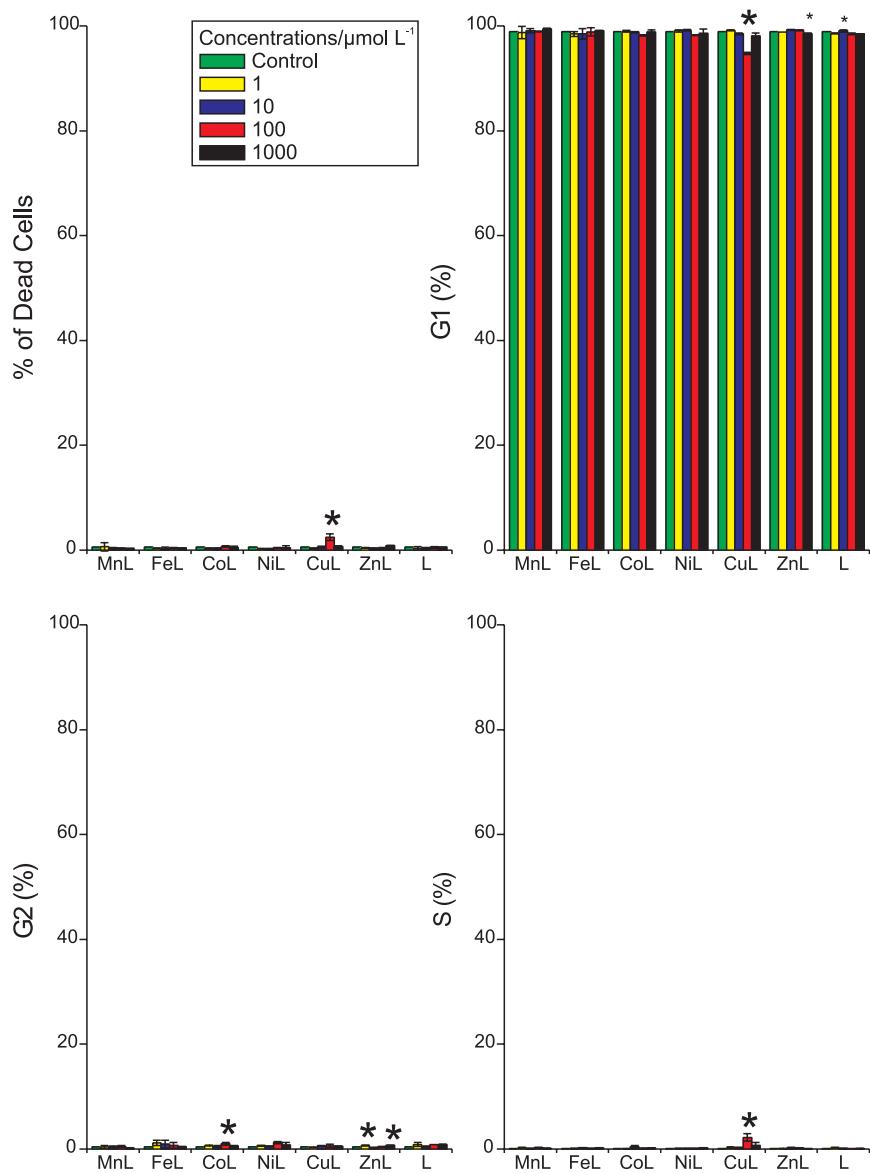
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45 **Figure S1.** K562, 1h – Cell cycle arrest induced by different M-edds complexes on K562 cells after 1-h treatments (mean  $\pm$  S.D.) in complete RPMI  
 46 medium. L = edds ; [edds] = [M-edds] = 1 - 1000  $\mu\text{mol L}^{-1}$ . Asterisks indicate significant differences from the control according to analysis of variance  
 47 (ANOVA,  $p < 0.05$ ) and comparison of the groups using Fisher's LSD test (Protected t-Test).

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**Figure S2.** PBMC, 1h – Cell cycle arrest induced by different M-edds complexes on PBMC cells after 1-h treatments (mean  $\pm$  S.D.) in complete RPMI medium. L = edds ; [edds] = [M-edds] = 1 - 1000  $\mu\text{mol L}^{-1}$ . Asterisks indicate significant differences from the control according to analysis of variance (ANOVA,  $p < 0.05$ ) and comparison of the groups using Fisher's LSD test (Protected t-Test).