

Article

Effects of sodium pyruvate on vanadyl sulphate-induced reactive species generation and mitochondrial destabilisation in CHO-K1 cells

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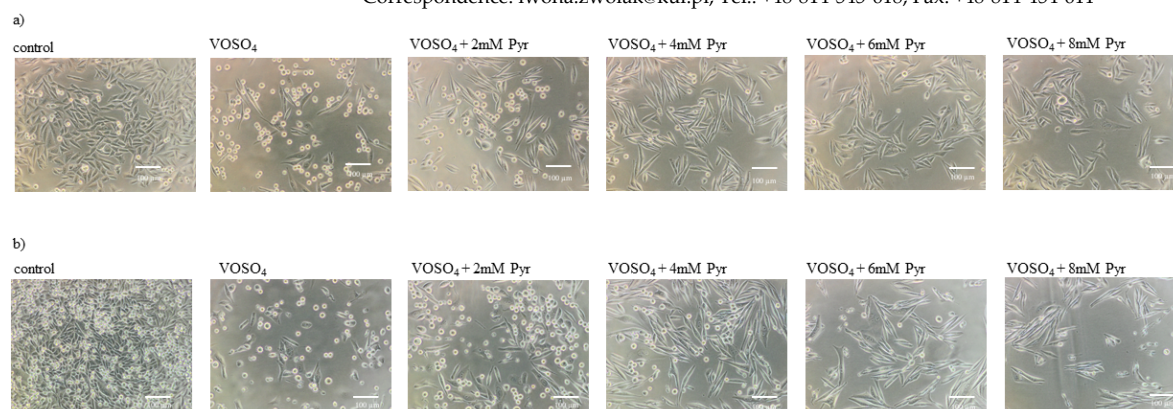


Figure S1. Effects of pyruvate on VOSO_4 -induced changes in morphology of CHO-K1 cells under the phase-contrast microscope (bar=100 μM). The CHO-K1 cells were treated with 100 μM VOSO_4 in the absence or presence of increasing concentrations of sodium pyruvate (Pyr) (2, 4, 6, 8 mM) for 24 h (a) or 48 h (b).

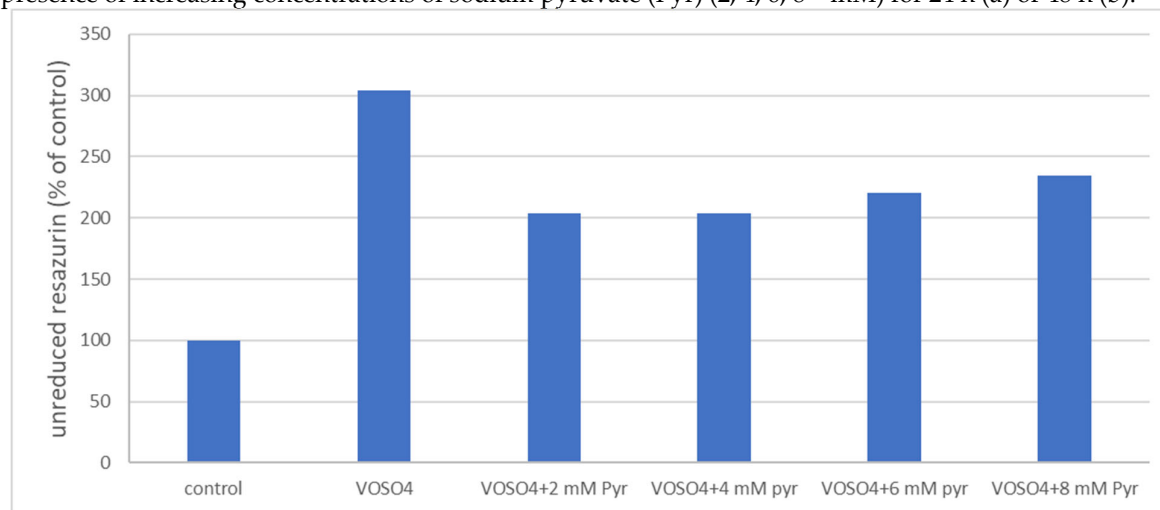


Figure S2. Effects of pyruvate on VOSO_4 -induced cytotoxicity of CHO-K1 cells in the resazurin-based assay. The cells were incubated in DMEM/F12 medium without (control) or with 100 μM VOSO_4 in the absence or presence of increasing concentrations of sodium pyruvate (Pyr) (2, 4, 6, 8 mM) for 48 h. Data represent the mean \pm SD of triplicate determinations of each data point.