

Supporting Information

Cu(II)Complexes with FomA Protein Fragments of *F. Nucleatum* Increase Oxidative Stress and Malondialdehyde Level.

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Figure S1. The reduction of ROS production in CT26 cells incubated with A) **1L**, B) **2L**, C) **2Cu**, D) **CuCl₂** and E) **ctrl(+): H₂O₂** as a positive control at various concentrations of compounds: 0.001, 0.005, 0.01, 0.05, 0.1 and 1 mM) with increasing incubation time (from 5 min to 24 h) using H₂DCF-DA. (page S2)

Figure S2. The MDA concentration in CT26 cells treatment with **1L**, **2L**, **1Cu**, **2Cu**, **CuCl₂**, **H₂O₂** at 0.001, 0.005, 0.01, 0.05, 0.1 and 1 mM of compounds after A) 5 min, B) 3 h, C) 24 h incubation of the cells with substances. (page S3)

Figure S3. Experimental (solid lines) and simulated (dotted lines) EPR spectra of spin adducts for cells treated with 1 mM of **1Cu** (A1, B1 and C1) and **2Cu** (A2, B2 and C2). Subsequent spectra were measured in A) supernatant, B) lysed cell pellets, and C) mixture of supernatant with lysed cell pellets. Triple-dot marks indicate spurious signal due to degradation of spin trap. (page S4)

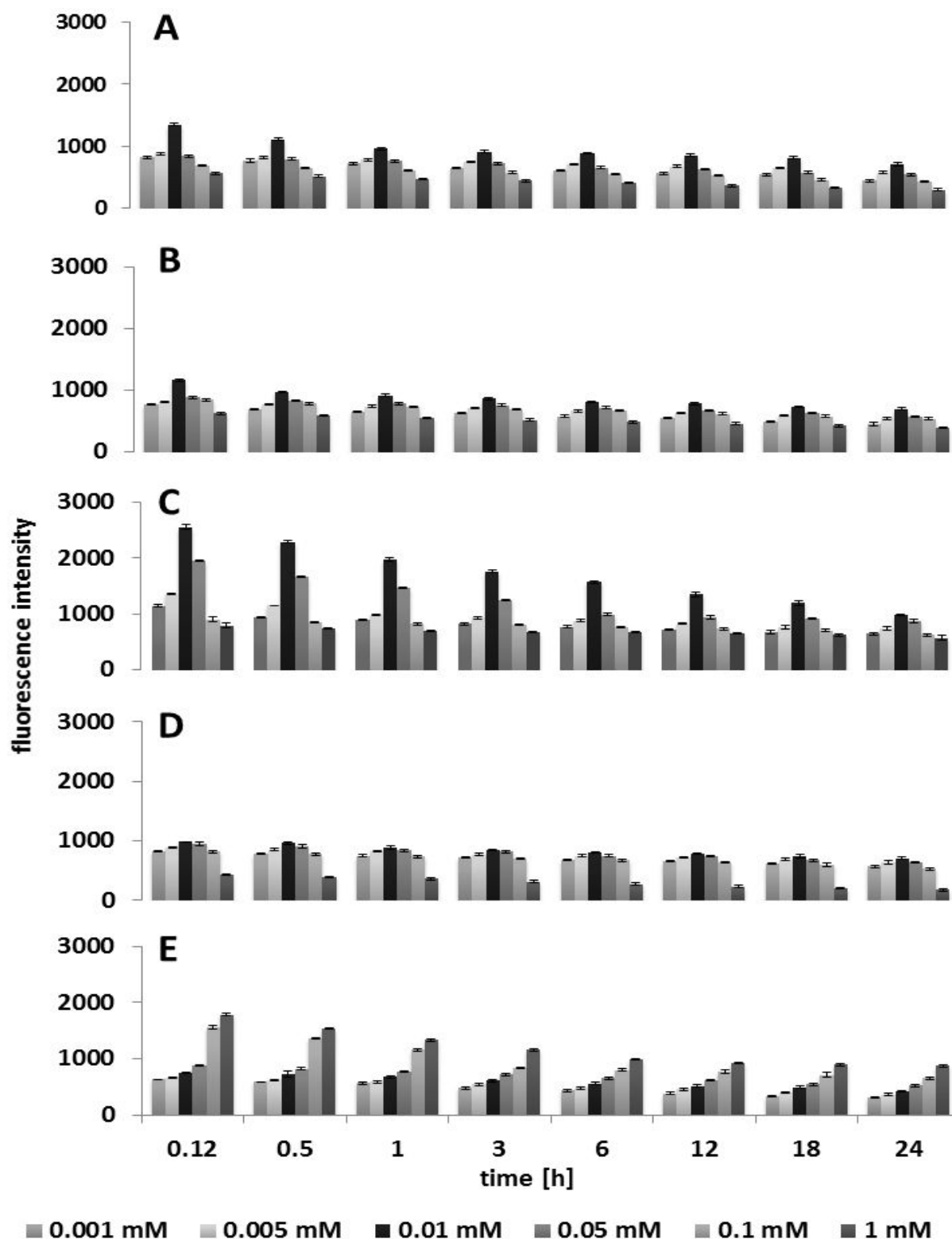


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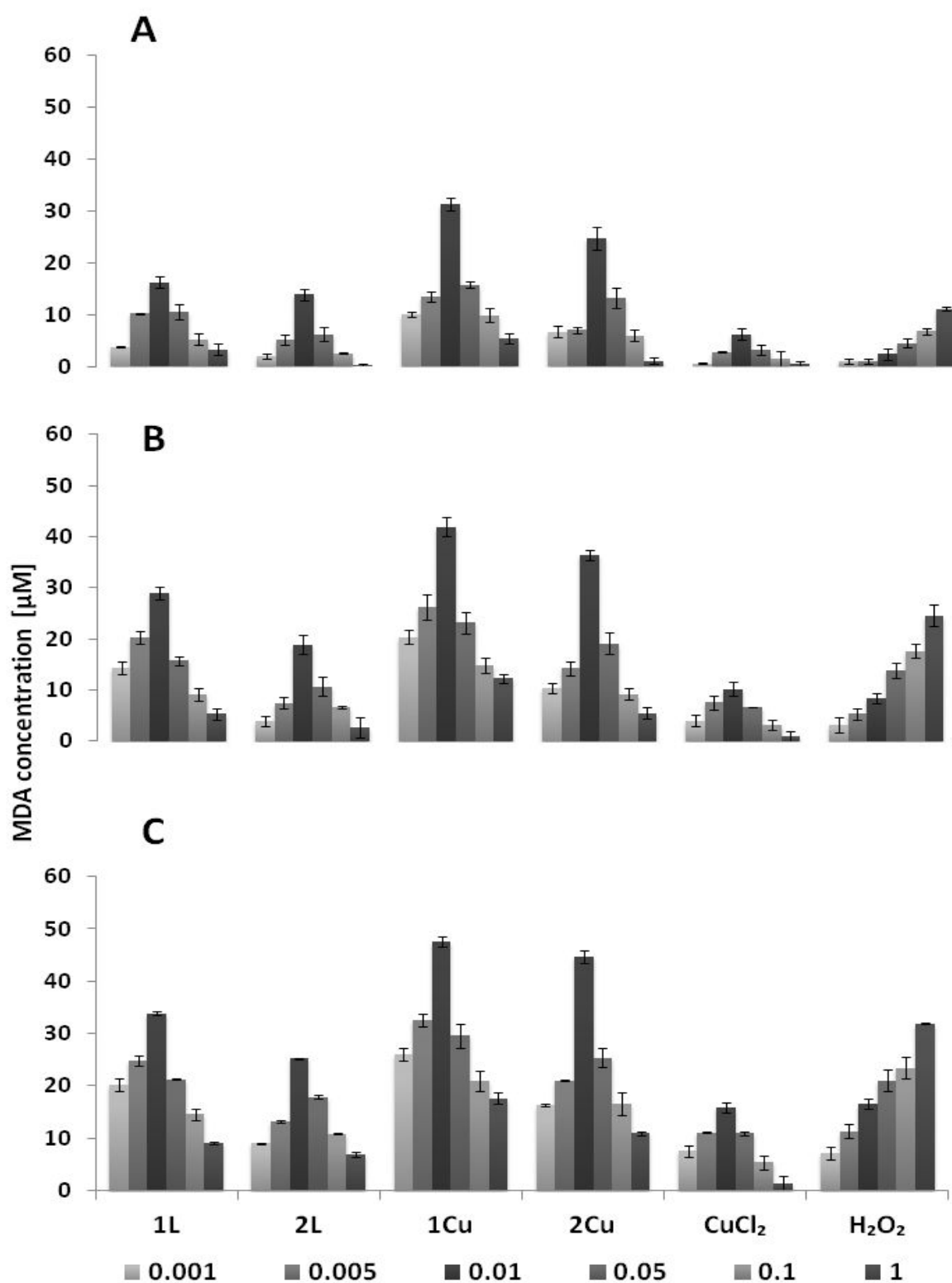


Figure S2. The MDA concentration in CT26 cells treatment with 1L, 2L, 1Cu, 2Cu, CuCl_2 , H_2O_2 at 0.001, 0.005, 0.01, 0.05, 0.1 and 1mM of compounds after A) 5min, B) 3h, C) 24h incubation of the cells with substances.

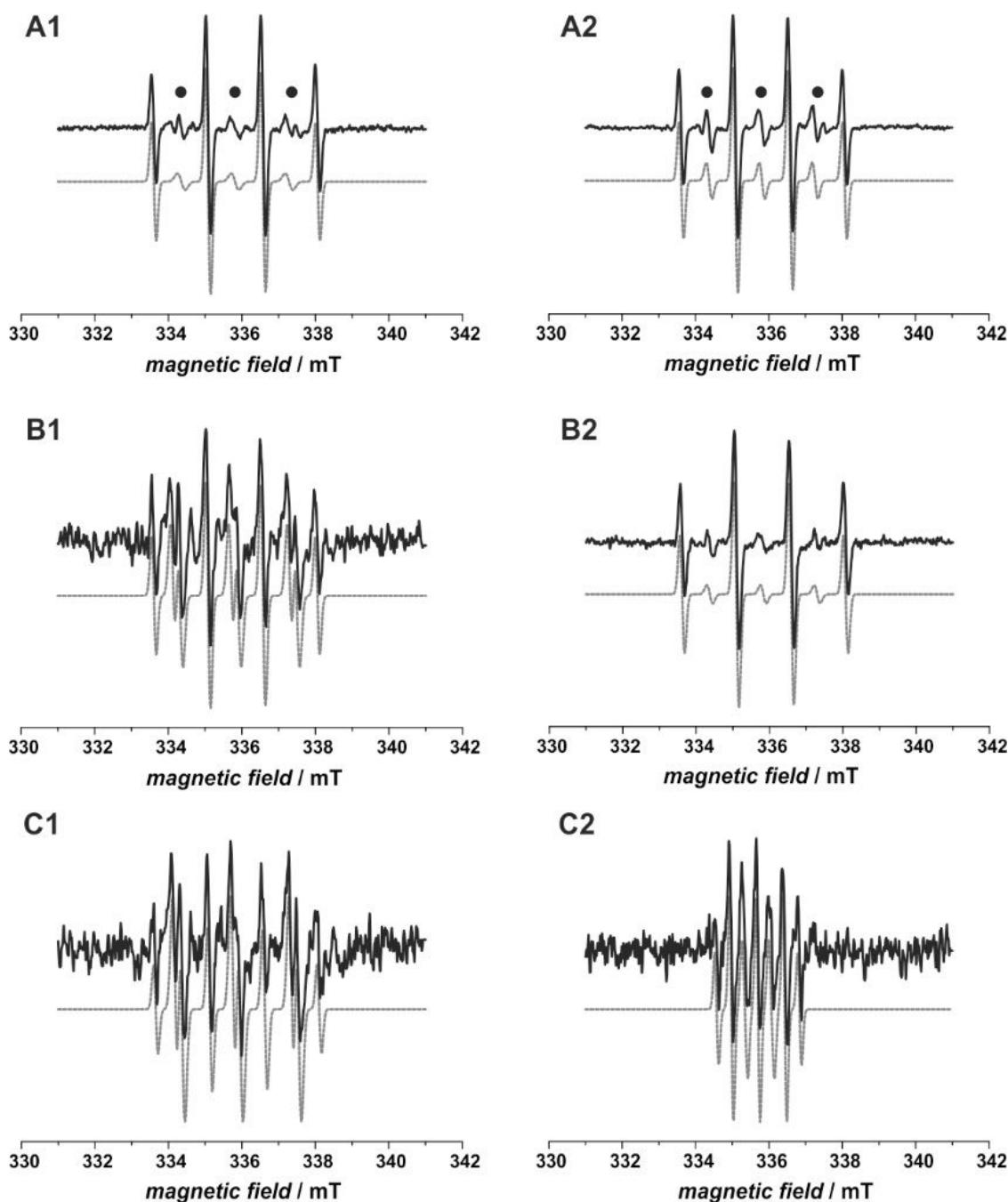


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