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Structure–activity relationships of key bioantioxidants in reactions with radicals in DPPH, AAPH, and Hb–H_2O_2 systems

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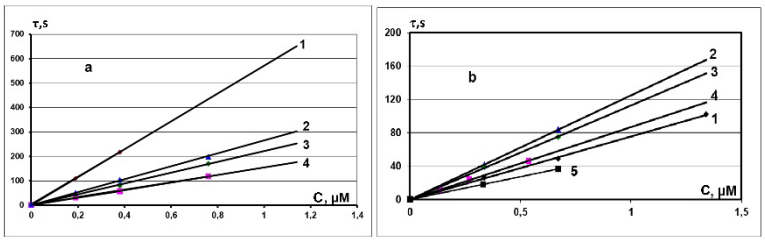

Figure S1. Dependence of induction period (τ) on AO concentration for CL systems with Hb/H_2O_2 initiator (a) and AAPH (b). Lines 1 - GA, 2 - UA, 3 - Tr, 4 - AA, 5 - GSH.

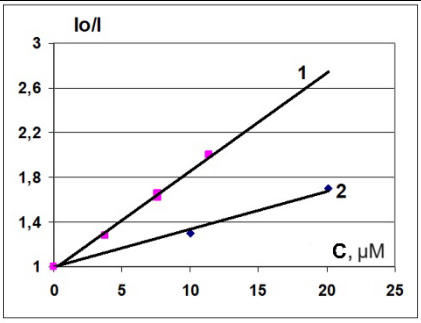

Figure S2. Dependence of CL intensity reduction degree (Io/I) on mexidol concentration for "Hb-H_2O_2" (1) and "AAPH" (2) models.

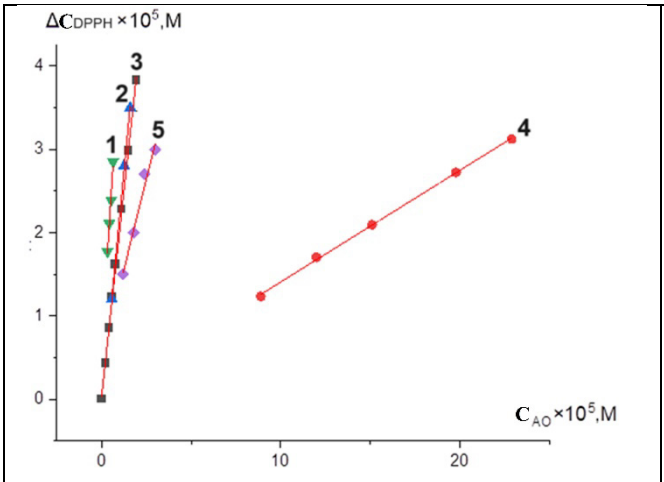

Figure S3. Dependence of DPPH concentration decrease in the reaction system on the concentration of antioxidants: 1 - GA; 2 - UA; 3 - AA; 4 - GSH; 5 - GSH (24-hour experiment).

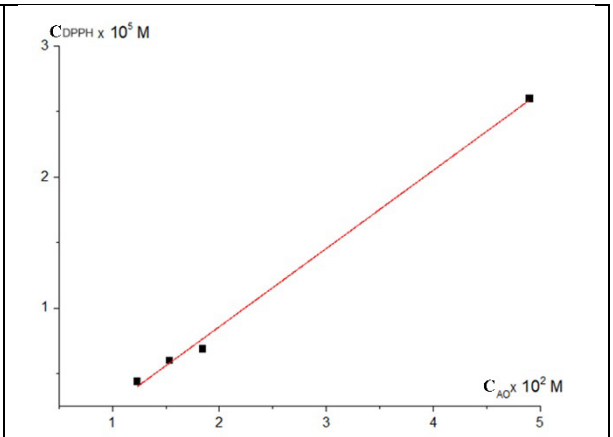

Figure S4. Dependence of DPPH concentration decrease in the reaction system on the concentration of mexidol. Exposure time is 30 minutes.