Supplementary material

Interactions of Gold-based Drugs with Proteins: Structure and Stability of the Adduct Formed in the reaction between Lysozyme and the Cytotoxic Gold(III) Compound Auoxo3

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Supplementary figure S1-S4

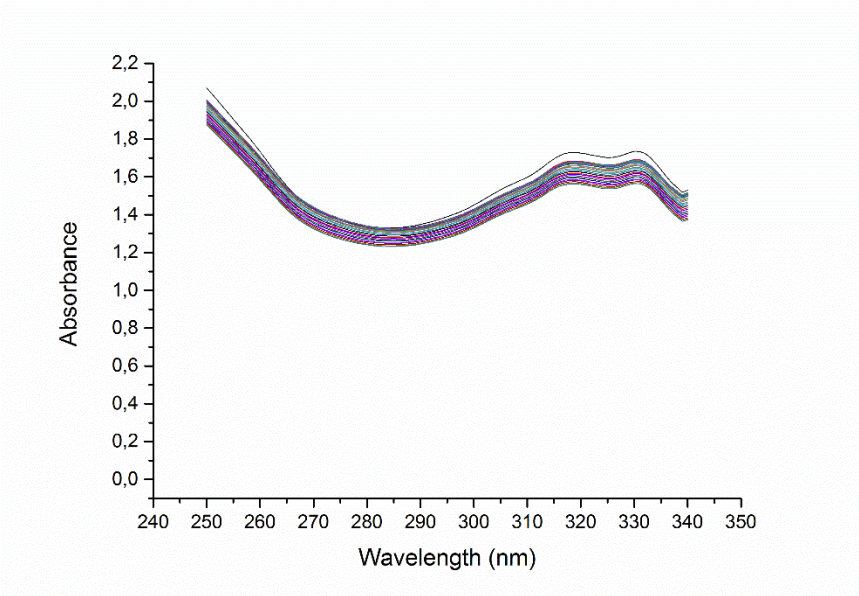

Figure S1 UV spectra of Auoxo3 in the presence of HEWL (metal:protein ratio of 10:1), dissolved in sodium phosphate buffer pH 7.4. Spectra were collected every 10 minutes for 330 minutes.

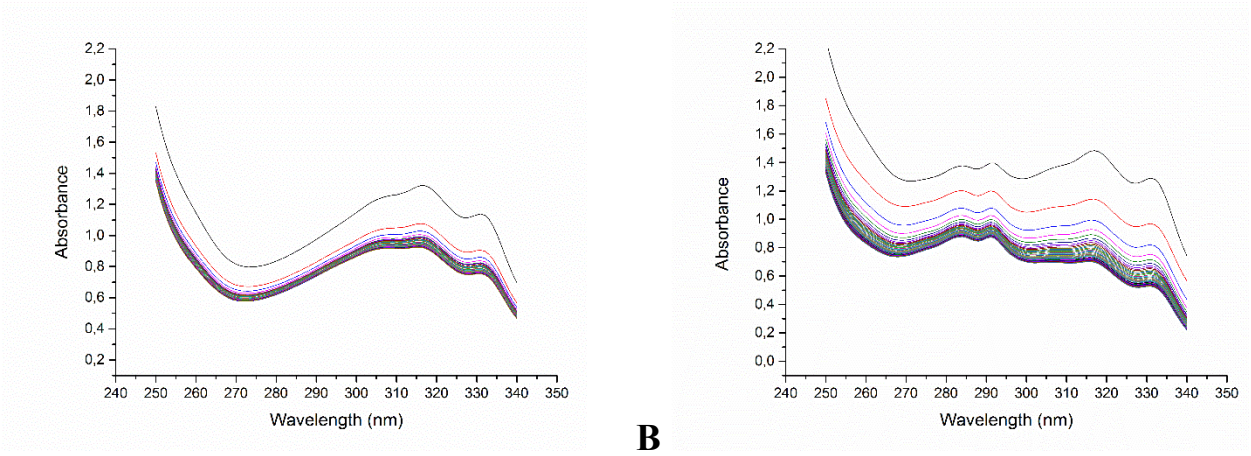

Figure S2 UV spectra of Auoxo3 in the absence (panel A) and in the presence (panel B) of HEWL (metal:protein ratio of 10:1), dissolved in the crystallization solution (i.e. ethylene glycol and sodium acetate buffer pH 4.4). Spectra were collected every 10 minutes for 330 minutes.

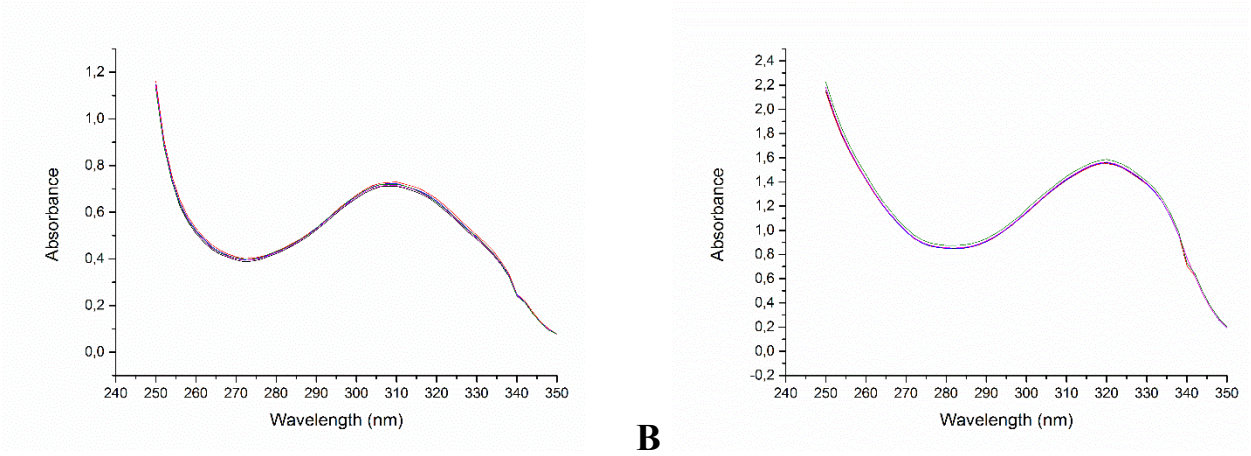

Figure S3 UV spectra of Aubipi^{c} in the absence (panel A) and in the presence (panel B) of HEWL (metal:protein ratio of 10:1), dissolved in the HEWL-Auoxo3 crystallization solution (i.e. ethylene glycol and sodium acetate buffer pH 4.4). Spectra at t = 0 min, 60 min, 120 min, 180 min and 24 h are reported.

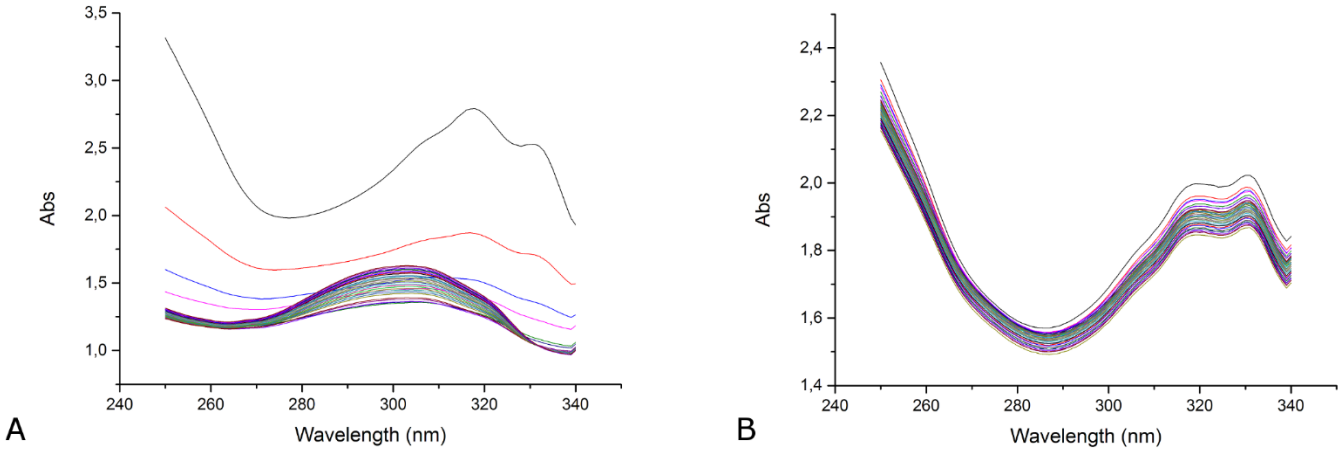

Figure S4 UV spectra of Auoxo3 in the absence (panel A) and in the presence (panel B) of HEWL (metal:protein ratio of 10:1), dissolved in NaCl 1 M and sodium acetate buffer 0.1 M pH 4.4. Spectra were collected every 10 minutes for 330 minutes.