



[Red] = glutathione, ascorbate, catechols, tocopherols, flavonoid enzymes.

[Ox] = oxidase systems (e.g., xanthine + xanthine oxidase + O_2), H_2O_2 , ClO^- .

* Reactive Cr(V/IV) intermediates are stabilized by intra- and extracellular ligands, including carbohydrates, glycoproteins, peptides, and 2-hydroxycarboxylates.

Figure 1. Main biotransformation pathways of Cr complexes (based on data from [1,8,10,16–18] and references therein).