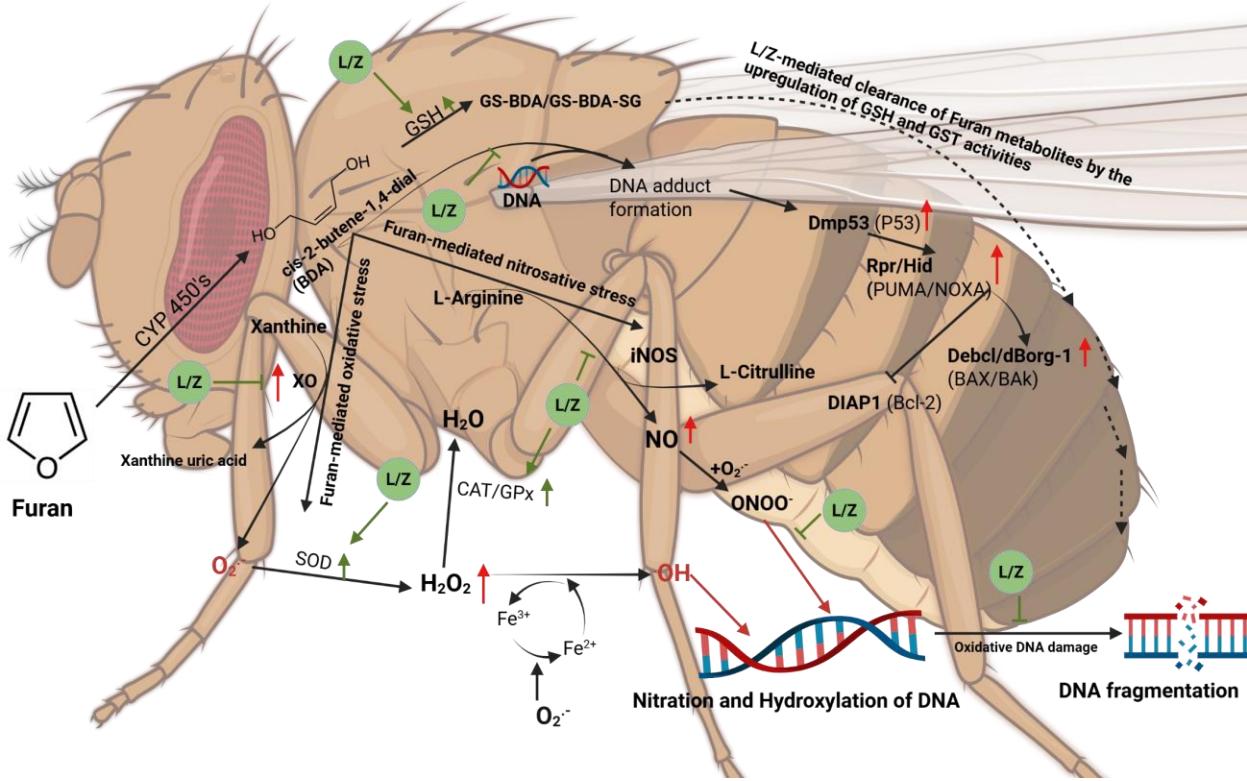


Biorender Design



This diagram illustrates the proposed mechanism by which *Drosophilla Melanogaster* demonstrates the protective action of lutein-zeaxanthin combination against furan-induced adaptive response