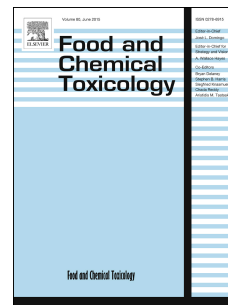


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**Oxidative stress in rat brain but not in liver following oral administration of a low dose of
nanoparticulate silver**

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Abbreviations: ADP, adenosine diphosphate; AgNPs, silver nanoparticles; BBB, blood-brain barrier; CAT, catalase; DCF, 2', 7'-dichlorofluorescein; DCF-DA, 2', 7'-dichlorofluorescein diacetate; DTT, dithiothreitol; EDTA, ethylenediaminetetraacetic acid; GSH, reduced glutathione; GPx, glutathione peroxidase; GSSG, oxidized glutathione; HEPES, 4-(2-hydroxyethyl)-piperazine-1-ethanesulfonic acid; IP, intraperitoneal; MDA, malondialdehyde; NADPH, nicotinamide adenine dinucleotide phosphate; NPs, nanoparticles; ROS, reactive oxygen species, free radicals; SOD, superoxide dismutase; TBA, thiobarbituric acid; tGSH, total glutathione.

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