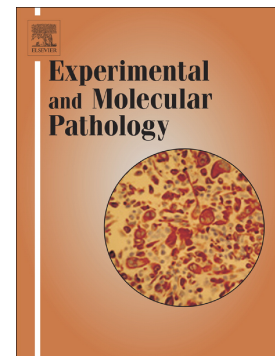


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Fullerenol Nanoparticles Prevents Doxorubicin-Induced Acute Hepatotoxicity In Rats

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Abbreviations: ALT, alanine aminotransferase; AST, aspartate aminotransferase; CAT, catalase; DNA, deoxyribonucleic acid; DOX, doxorubicin; FNP, fullerenol nanoparticle; GSH-Px, glutathione peroxidase; GR, glutathione reductase; HDS, hepatic damage score; IND, indomethacin; NADP, nicotinamide adenine dinucleotide phosphate; NSAID, non-steroidal anti-inflammatory drug; O₂⁻, superoxide anions; OH[·], hydroxyl radicals; PMNCs, polymorphonuclear cells; PMNL, polymorphonuclear leucocyte; RNA, ribonucleic acid; ROS, reactive oxygen species; SOD, superoxide dismutase; TBA, thiobarbituric acid; TBARS, thiobarbituric acid reactive substances.

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