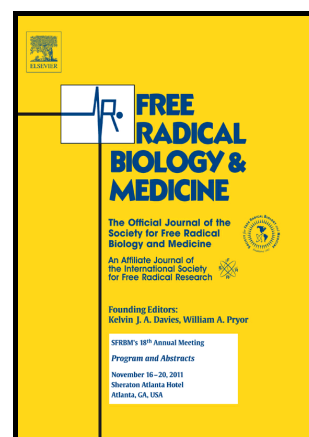


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Nox4 regulates the eNOS uncoupling process in aging endothelial cells

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List of abbreviations

eNOS, endothelial nitric oxide synthase; HUVEC, human umbilical vein endothelial cells; NO, nitric oxide; Nox4, NADPH oxidase 4; ROS, reactive oxygen species; NAC, N-acetyl cysteine; TUDCA, tauroursodeoxycholic acid; 4-PBA, 4-phenylbutyric acid; ER, endoplasmic reticulum; HSP90, heat shock protein 90; PDI, protein disulfide isomerase; EGM-2, endothelial growth cell medium 2; ECL, enhanced chemiluminescence; HMWCs, heavy molecular weight complexes; Thr, threonine; Tyr, tyrosine

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