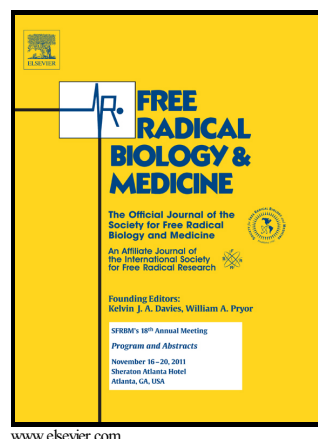


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Abbreviations: DCFH, dichorofluorescin; GLP-1, glucagon-like peptide-1; GPx, glutathione peroxidase; GR, glutathione reductase; GSIS, glucose-stimulated insulin secretion; GSH, reduced glutathione; Nrf2, nuclear transcription factor erythroid 2p45-related factor; ROS, reactive oxygen species; *tert*-BOOH, *tert*-butyl hydroperoxide.

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