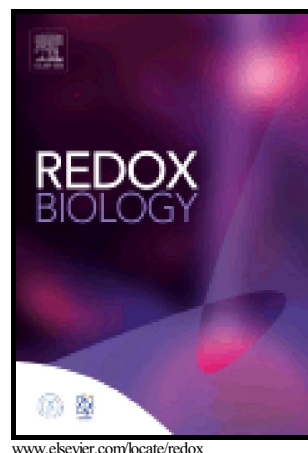


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Cyanidin and delphinidin modulate inflammation and altered redox signaling improving insulin resistance in high fat-fed mice

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Abbreviations

AC, anthocyanidins; GIP, gastric inhibitory polypeptide, GLP-1, glucagon-like peptide-1; GTT, glucose tolerance test; HFD, high fat diet; 4-HNE, 4-hydroxynonenal; IKK, IκB kinase; IRS1, insulin receptor substrate-1; ITT, insulin tolerance test; JNK, c-jun N-terminal kinase; MCP-1, monocyte chemoattractant protein-1, NAFLD, nonalcoholic fatty liver disease; NOS2, inducible nitric oxide synthase; NOX, NADPH oxidase; PTP1B, protein tyrosine phosphatase 1B; TNFα, tumor necrosis factor alpha; T2D, type 2 diabetes.

Abstract

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