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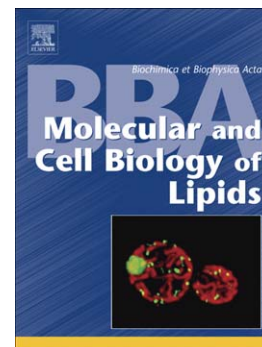
Berberine treatment attenuates the palmitate-mediated inhibition of glucose uptake and consumption through increased 1,2,3-triacyl-*sn*-glycerol synthesis and accumulation in H9c2 cardiomyocytes

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Summary Statement: Berberine attenuates palmitate-mediated reduction in glucose uptake through increased triacylglycerol

Abbreviations: BBR, berberine; BSA, bovine serum albumin; DAG, 1,2-diacyl-*sn*-glycerol; DGAT, 1,2-diacyl-*sn*-glycerol acyltransferase-2; GLUT-4, glucose transporter-4; LPC, lysophosphatidylcholine; PAL, palmitate; PC, phosphatidylcholine; PE, phosphatidylethanolamine; SM, sphingomyelin; TAG, 1,2,3-triacyl-*sn*-glycerol; AKT, protein kinase B

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