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β-arrestin signal complex plays a critical role in adipose differentiation

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Running head: β-arrestins and adipogenesis.

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Abbreviations: GHSR1a, growth hormone secretagogue receptor type 1a; PPARγ, peroxisome proliferator-activated receptor; C/EBPα, CCAAT/enhancer-binding protein α; C/EBPβ, CCAAT/enhancer-binding protein β; C/EBPδ, CCAAT/enhancer-binding protein δ; PI3K, phosphatidylinositol 3-kinase; PIP3, phosphatidylinositol (3,4,5)-trisphosphate; PDK1, phosphoinositide-dependent kinase-1; S6K1, ribosomal protein S6 kinase beta-1; mTORC2, mammalian target of rapamycin complex 2; mTORC1, mammalian target of rapamycin complex 1; RHEB, Ras homologue enriched in brain; TSC1, tuberous sclerosis 1; TSC2, tuberous sclerosis 2; IRS-1, insulin receptor substrate-1; FOXO1, forkhead protein 1; Foxa, hepatocyte nuclear factors.

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