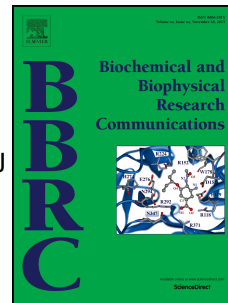


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Abbreviations: Ex-4, Exendin-4; GLP-1, glucagon-like peptide 1; MTT, 3-(4,5-dimethylthiazol-2-yl)-2,5-diphenyltetrazolium bromide; LC3B, light chain 3B; LAMP-2, lysosome associated membrane protein; CatB/L, cathepsin B/L; 3-MA, 3-methyladenine; Baf-A1, Bafilomycin A1; PI-3K, phosphatidylinositol-3 kinase; DM, diabetes model rat.

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