

Figure S2. Grouping of cultured neurons. Group1, D-gal+CC+metformin; group 2, D-gal+U0126+metformin; group 3, D-gal+metformin; group 4, D-gal-induced senescent PC12 cells; and group 5, control. D-galactose; Met, metformin; CC, compound C.

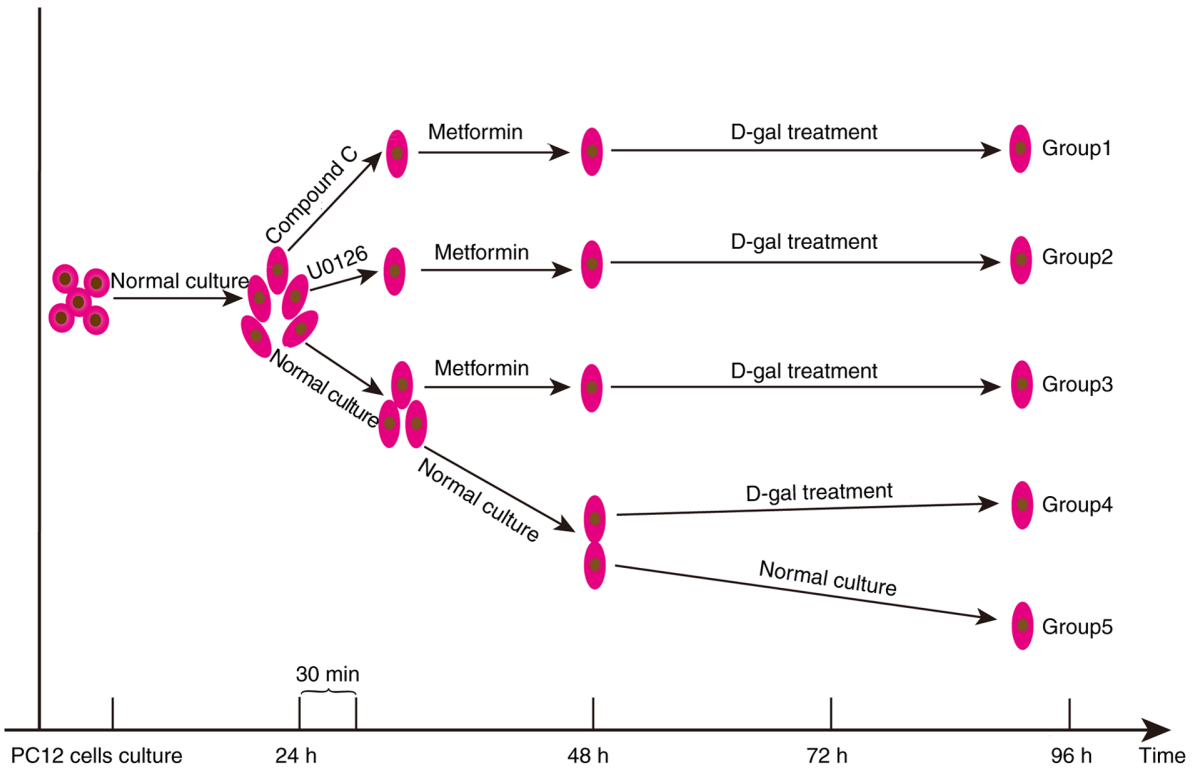


Figure S3. Determination of cellular activity in PC12 cells. The optimal concentration of D-gal was selected by the CCK-8 assay. The concentration of each drug did not affect cell viability. Cell viability was determined by CCK-8 assay after treatment with 20 μ M UO126, 20 μ M compound C, 100 μ M metformin or 15 mg/ml D-gal. Relative cell viabilities are expressed as the means \pm SD (n=6). D-galactose; Met, metformin. *P<0.05, ***P<0.001.

