**Fig. S1**
Effect of short-term exposure to TBT on glucose uptake in NT2/D1 cells
After exposure to TBT or TA (100 nM) for 1 h, glucose uptake assay was performed using a fluorescent glucose analog 2-NBDG. The fluorescent intensities of incorporated 2-NBDG were normalized to total cellular protein content. *P<0.05.

**Fig. S2**
Effect of PPARγ agonist on glucose uptake in NT2/D1 cells
After treatment with the PPARγ agonist rosiglitazone at different concentration for 24 h, glucose uptake assay was performed using a fluorescent glucose analog 2-NBDG. The fluorescent intensities of incorporated 2-NBDG were normalized to total cellular protein content.