

Supplemental Table S1

Table S1. Primer sequences of quantitative PCR (5'-3')

Mouse	Forward	Reverse	Accession no.
<i>Tbp</i>	AACATCTCAGCAACCCACACA	CTGGTGTGGCAGGAGTGATAG	NM_013684
<i>Pparg</i>	TCCATTCAACAAGAGCTGACCC	GGCCATGAGGGAGTTAGAAGG	NM_001127330
<i>Cebpa</i>	TGGACAAGAACAGCAACGAGT	ACCTTCTGTTGCGTCTCCAC	NM_001287514
<i>Fabp4</i>	GCTTTGCCACAAGGAAAGTG	ACGCCCAGTTTGAAGGAAAT	NM_024406
<i>Ucp1</i>	AGGATTGGCCTCTACGACTCA	GCATTCTGACCTTCACGACCT	NM_009463
<i>Pgc1a</i>	TCTGGGTGGATTGAAGTGGTG	TCTGTGAGAACCGCTAGCAAG	NM_008904
<i>Prdm16</i>	ACAAGTCCTACACGCAGTTC	CGTGTAATGGTTCTTGCCCT	NM_001177995
<i>Elovl3</i>	CGTAAGCGTCCACTCATCTT	AGAATGGACGCCAAAGTTCA	NM_001374665
<i>Elovl6</i>	CCATCCCCAGATGCTTTGAA	GGATTTGGCTTTGCTTGACC	NM_130450
<i>Dio2</i>	GTGAGCTGGGAAAGTTGCTA	AAGAATAGAGCCGGTGCTTG	NM_010050
<i>Cidea</i>	AAATGGACACCGGGTAGTAAG	TTTGACATTGAGACAGCCGA	NM_007702
<i>Cidec</i>	GGCCTGAATCAAGACAACCA	GAGTGATCAGAGTCCCAGGT	NM_001301295
<i>Ppara</i>	GAACAAAGACGGGATGCTGAT	CAGCCACAAACAGGGAAATG	NM_001113418
<i>Ebf2</i>	CTACGGCACACCACACAATAA	TGATACCCATCATACCGCTGT	NM_001276387
<i>Cited1</i>	ATTTATCGGACTTCTGCCAG	TTGCGATCCTTCACTCCAAG	NM_001276466
<i>Tbx1</i>	TGGGACGAGTTCAATCAGC	TGTCATCTACGGGCACAAAG	NM_001285472
<i>Shox2</i>	CCCACTATCCAGACGCTTTC	ATAGGGTGCAACTCTACAAGC	NM_001302357
<i>Tmem26</i>	CTCTGGTCTCTGGCATTCTTG	CATAGATCCGCACTGTACTGG	NM_177794
<i>P2rx5</i>	ACTTTGTCATTCCGTCTCAGG	CAACAGACTCCCCAGCGTGACA	NM_001376982
<i>Pat2</i>	ATGTCTGTGACCAAGAGTGC	CCAGGATCCCAGTCCAGCGAATG	NM_153170
<i>Car4</i>	GTAGGAGACAAGGTGAACAAGG	AGTTTGGTGTGGTTAGTGAGC	NM_007607
<i>Cyts</i>	AAATCTCCACGGTCTGTTCG	GTCTGCCCTTTCTCCCTTC	NM_007808
<i>Tfam</i>	GGAATGTGGAGCGTGCTAAAA	TTGGGTAGCTGTTCTGTGGAA	NM_009360
<i>Nrf1</i>	AAGATGCTAATGGCCTGGTCC	ATATCCTGGTGGTCACTGGGG	NM_001164226
<i>Nrf2</i>	CGCTGAAGGCACAATGGAATT	GCTTTAGGGCCGTTCTGTTTG	NM_001399226
<i>Cox8b</i>	AAAGCCCATGTCTCTGCCAA	GCTAAGACCCATCCTGCTG	NM_007751
<i>Cox7a1</i>	AGAAAACCGTGTGGCAGAGA	CCAGCCCAAGCAGTATAAGC	NM_009944
Human	Forward	Reverse	Accession no.
<i>GAPDH</i>	GGAAGGTGAAGGTCGGAGTC	GAAGGGGTCATTGATGGCAAC	NM_001256799
<i>UPC1</i>	ACTTGGTGTCGGCTCTTATCG	CCGTTGGTCCTTCGTTAGTGA	NM_021833
<i>PPARGC1A</i>	ACCCACCACTCCTCCTCATAA	GTCTTCCTTTCCTCGTGTCCA	NM_001330751
<i>CIDEA</i>	TGGGAGACAACACGCATTTCA	TCATACATGGTGGCCTTCACG	NM_001279
<i>CIDEA</i>	AAGTCCCTTAGCCTTCTCTACC	CCTTCCTCACGCTTCGATCC	NM_001199551

<i>CITED1</i>	CCTCACCTGCGAAGGAGGA	GGAGAGCCTATTGGAGATCCC	NM_001144885
<i>FABP3</i>	ACCAAGCCTACCACAATCATCG	CAAGTTTCCCTCCATCCAGTGT	NM_001320996
<i>SLC25A20</i>	AGACACAGCCACCGAGTTTG	TCCCCAAACCAAACCCAAAGA	NM_000387
<i>CPT2</i>	CAGCAGCCAAAGGGATCATCT	TACCCAACACCAAAGCCATCA	NM_000098
<i>CYCS</i>	TGGGTGATGTTGAGAAAGGCA	TGGCGGCTGTGTAAGAGTATC	NM_018947
<i>COX7A1</i>	GAGTGCGCGAGAAACAGAAG	CCCAGCCAAGGGAGTACAAG	NM_001864

Supplemental Figure S1

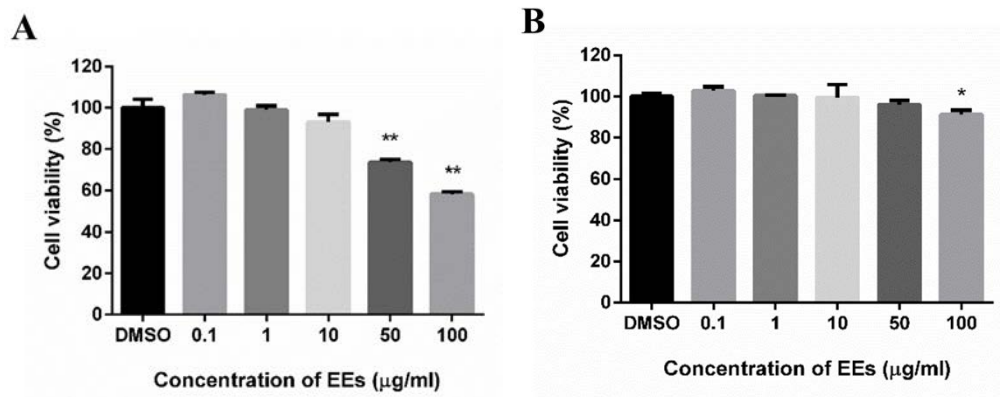


Figure S1. Cytotoxic effects of EEs on mIPA and hADSCs. (A) Cell viability assay performed on mIPA treated with EEs in a dose-dependent manner. (B) Cell viability assays were performed for hADSCs treated with various dosages of EEs. Results are shown as mean \pm SEM ($n = 3$). *, $p < 0.05$; **, $p < 0.01$ compared with the untreated control group.

Supplemental Figure S2

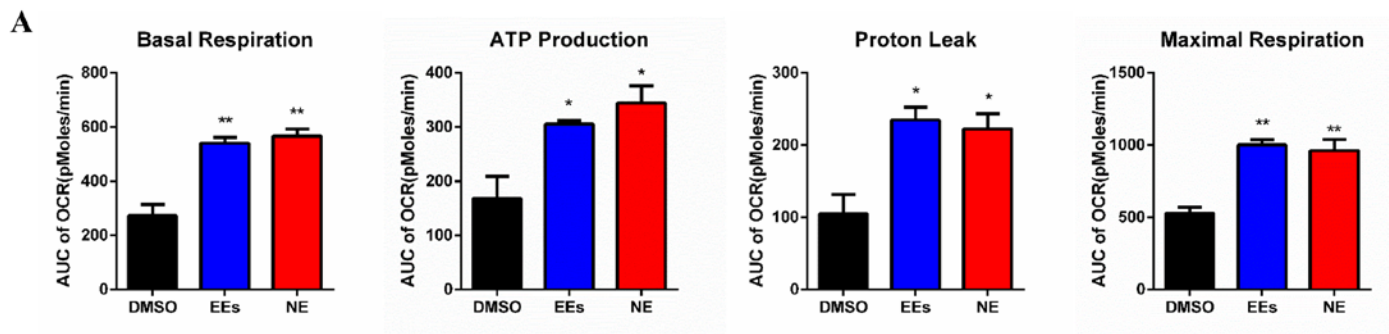


Figure S2. Effects of EEs on cellular respiration rate of differentiated mIPA. (A) Basal respiration, ATP production, proton leak, and maximal respiration were assessed. Results are shown as mean \pm SEM (n = 3). *, $p < 0.05$; **, $p < 0.01$ compared with the untreated control group.

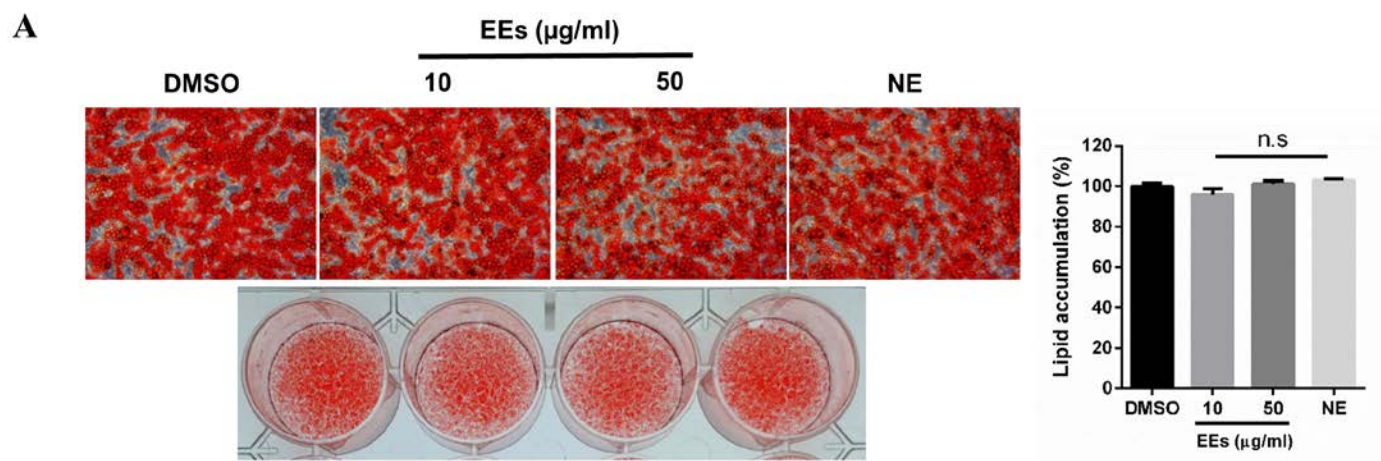


Figure S3. Effects of EEs on lipid accumulation of differentiated hADSC. (A) ORO staining performed after EEs treatment. Results are shown as mean \pm SEM ($n = 3$). *, $p < 0.05$; **, $p < 0.01$ compared with the untreated control group.