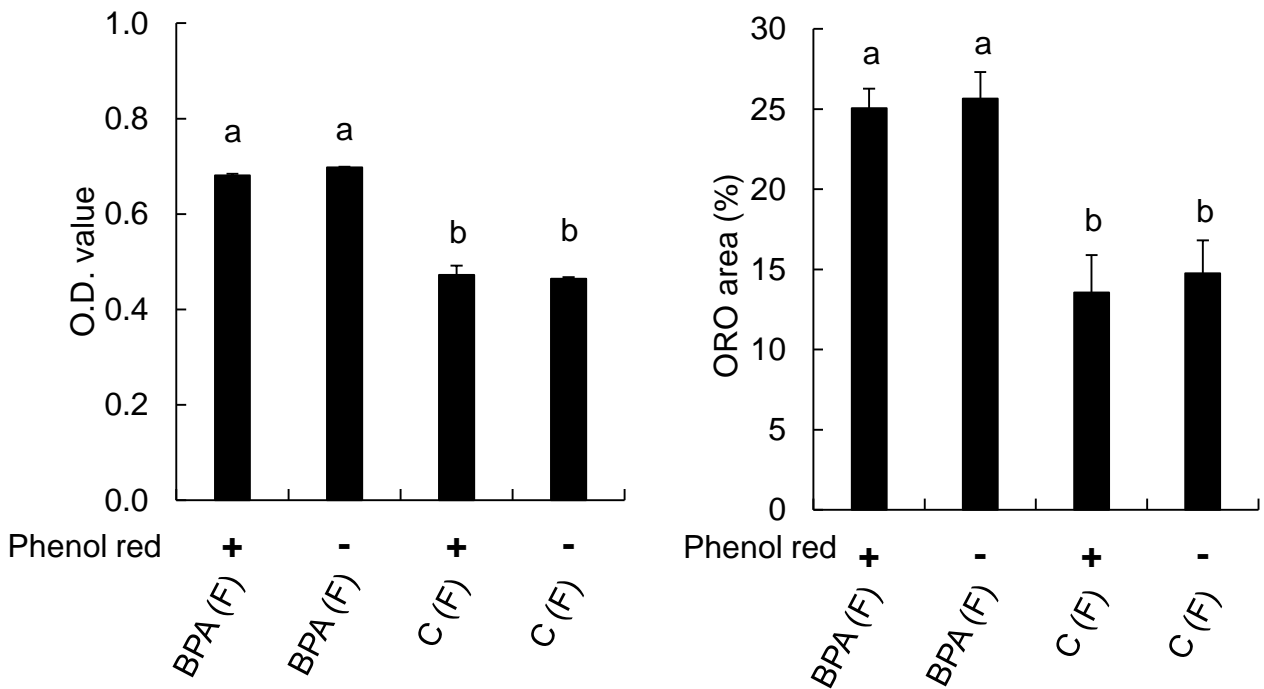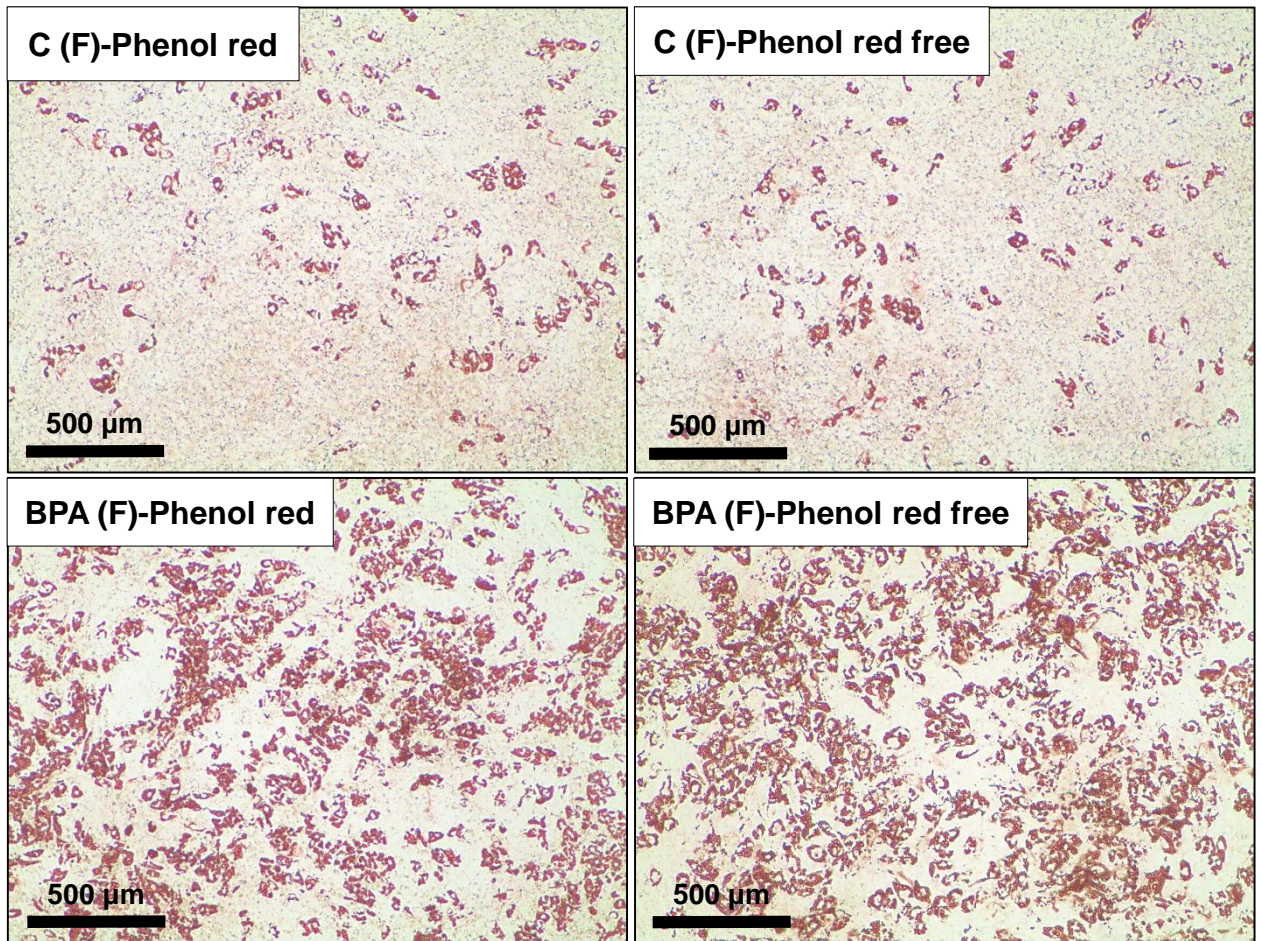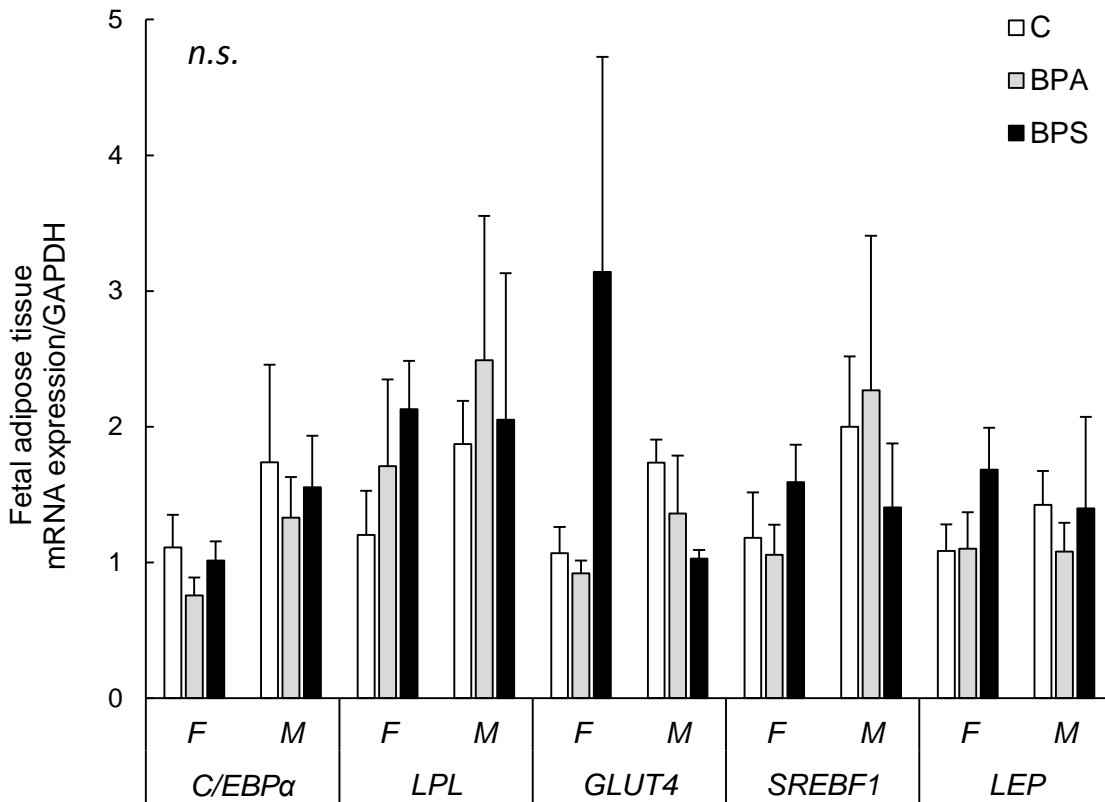Supplemental Figure 1. Effects of phenol red and phenol red-free medium on preadipocyte adipogenic differentiation. Representative images of ORO-stained differentiated adipocytes from fetal female control (C (F)) and female BPA-gestationally exposed (BPA(F)) preadipocytes at differentiation day 8. Same differentiation protocol as described for Figure 3 was used. Adipocyte differentiation quantification by O.D. (*left*) value and ORO positive stain area (*right*). a≠b denotes significant difference at P<0.05.

Supplemental Figure 2. mRNA expression (mean ± SE) of early (*C/EBPα*) and late (*LPL, GLUT4, SREBF1, LEP*) stage adipocyte markers in control (*open*), BPA (*gray*) and BPS (*closed*) male (M) and females (F) perirenal adipose tissue. N=4-6/group/sex. n.s.: not significant.

Supplemental Table 1. Primers for quantitative real time PCR.

Gene	Primers	Length (bp)	Accession
ADIPOQ- Forward	CCCATTCGCTTTACCAA	151	NM_001308565
ADIPOQ- Reverse	CGTTCCTGTAGAGGCTGAC		
β-ACTIN- Forward	CCAACCGTGAGAAGATGACC	97	NM_001009784
β-ACTIN- Reverse	CCAGAGGCGTACAGGGACAG		
CASP8- Forward	GAGTTGCAGACATCCGACA	97	XM_012142500
CASP8- Reverse	GCTCCCGTGCTATGCTAAA		
CHOP10- Forward	GCTGAGTCATTGCCGTTCT	67	XM_004006542
CHOP10- Reverse	GGTCCTCATACCAGGCTTCC		
C/EBPα- Forward	CCCCGACAGGAGCAAGGT	114	KF830871
C/EBPα- Reverse	GGTTCAAAGCCCCAAGT		
DLK1- Forward	GGCATCGTCTTCCTCAAC	89	XM_015102053
DLK1- Reverse	CGCAGCAGCAGATTCTTC		
ESR1- Forward	CGGAAAGACCGAAGAGGA	171	XM_015097472
ESR1- Reverse	AGCCGTCAGGGACAACACC		
ESR2- Forward	GAGGCCTCCATGATGTCC	68	NM_001009737
ESR2- Reverse	GCCCAGTTGATCATGTGTACCAG		
ERRα- Forward	AAGCCTTCTTCAAGAGGACC	111	XM_012102098
ERRα- Reverse	TGAAGCGGCAGGCCTGGCAGG		
FABP4- Forward	GGATGATAAGCTGGTGCTGG	53	NM_001114667.1
FABP4- Reverse	CTCTGGTAGCAGTGACACCG		
GAPDH- Forward	TTCCACGGCACAGTCAA	241	NM_001190390
GAPDH- Reverse	TCACGCCCATCACAAAC		
GLUT4- Forward	TGTGGCGGATGCTATGG	132	AY949177
GLUT4- Reverse	CGGAAGACGGCTGAGAT		
GR- Forward	CTCCAGTCAGAACTGGCAGC	70	NM_001114186
GR- Reverse	TTCAACCACATCATGCATGG		
HSPA5- Forward	GCTGGAACTATTGCTGGATT	276	XM_004005637
HSPA5- Reverse	AACATCTTTGCCAGTCTTCTTT		
IRE1α- Forward	CAACCACTCGCTCCACTCC	80	XM_015098372
IRE1α- Reverse	CCTCATCCTCGTCGTCCTG		
LPL- Forward	CTGCCTGAAGTTTCCACAA	173	NM_001009394
LPL- Reverse	TCTCCTGCCTTTACTCTGATC		
LEP- Forward	CGCAAGGTCCAGGATGACAC	124	XM_004008038
LEP- Reverse	GCCCAGGGATGAAGTCCAAAC		
MAPK- Forward	GCAGAAGCAAGCGTGAC	106	XM_012105508
MAPK- Reverse	TGGGCTCCTGAACCTAT		
PERK- Forward	CAAACGGAGCACGCAGAT	88	XM_015094355
PERK- Reverse	GTGTAGGAGAAGAACAGGGTC		
PPARγ- Forward	TGGATGACCACTCCCATGCC	97	NM_001100921
PPARγ- Reverse	TTGGGAACGGAATGTCCTC		
RPL27- Forward	CGCAAGGCCCGACGAGAGGC	93	XM_015098799
RPL27- Reverse	GACCTAAAACCGCAGCTTCTGG		
SOX6- Forward	AGGATGCTGACTGGGACA	103	XM_015100742
SOX6- Reverse	GGTGAGGTAGAGGTATTTCG		
SREBF1- Forward	TACATCCGCTTCCTTCAGCACAG	164	XM_015098336
SREBF1- Reverse	TCCACCACCTCGGGCTTCAT		
WNT10B- Forward	CAGTGGGAACAGCCTTGCG	69	XM_012174356
WNT10B- Reverse	CGGAGTTGCGGTTGTGAGC		
XBP1-s- Forward	GCCTTGTAGTTGAGAACCAGGAG	145	XM_004017459
XBP1-s- Reverse	CCTGCACCTGCTGCGGACTC		
ZFP423- Forward	CCCGATTCCAGCAACCACA	160	XM_015100428
ZFP423- Reverse	CGTCATCCCGCATCTTCTTCT		

Note: Accession number from NCBI gene database.