

## SUPPLEMENTARY TABLES

### Impact of obesity and white adipose tissue inflammation on the omental microenvironment in endometrial cancer

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**Supplementary Table 1: Blood measurements based on presence or absence of white adipose inflammation in patients with endometrial cancer.**

<b>Variable</b>	<b>CLS-B negative</b>	<b>CLS-B positive</b>	<b>P-value</b>
Glucose (mg/dL)	101.4 (95.7-113.8)	105.3 (96.9-122.3)	0.4
Insulin (mU/L)	7.2 (4.8-13.4)	7.8 (6.3-14.6)	0.3
Leptin (pg/mL)	17766.0 (9295.8-47787.0)	40635.0 (22809.5-66333.0)	<b>&lt;0.001</b>
Adiponectin (ug/mL)	10.2 (6.1-14.4)	6.2 (4.7-10.8)	<b>0.017</b>
SHBG (nmol/L)	54.5 (43.3-68.3)	40.8 (25.3-54.7)	<b>0.001</b>
hsCRP (ng/mL)	2201.0 (910.8-6389.0)	5596.5 (2909.2-10036.8)	<b>0.020</b>
IL6 (pg/mL)	1.9 (1.1-4.0)	2.6 (2.0-3.8)	<b>0.038</b>

All data is presented as median, interquartile range  
SHBG, sex hormone binding globulin



**Supplementary Table S3. Differential gene expression of immune related genes (IRGs) between CLS-positive versus CLS-negative adipose tissue in patients with endometrial cancer.**

<b>Gene Symbol</b>	<b>logFC</b>	<b>AveExpr</b>	<b>t</b>	<b>P.Value</b>	<b>FDR</b>	<b>B</b>
LTBP2	0.528395	7.154708	4.390862	5.03E-05	0.045933	1.783676
CHIT1	1.775624	2.074897	4.228345	8.74E-05	0.045933	1.346057
SAA1	1.363811	10.14554	3.846524	0.000308	0.07277	0.22463
IL1RN	1.30178	1.074527	3.783202	0.000377	0.07277	0.039344
MMP9	1.393097	2.297905	3.771805	0.000391	0.07277	0.025792
RORB	-1.27273	1.416761	-3.75311	0.000415	0.07277	-0.03257
C5	-0.32684	4.024201	-3.58295	0.00071	0.097271	-0.60672
PSMD1	0.238834	6.457562	3.56949	0.00074	0.097271	-0.75234