Table S1. Anthropometric and laboratory data of PCOS and control women.

| variable   | PCOS patients (n=133) | Controls (CON) (n=72) | P value |
|------------|-----------------------|-----------------------|---------|
| Age (yrs)  | 24.83 (5.83)          | 24.92 (8.21)          | 0.75    |
| BMI (kg/m²) | 24.19 (7.31)          | 23.90 (7.22)          | 0.24    |
| WC (cm)    | 81.00 (21.00)         | 79.00 (18.00)         | 0.38    |
| WHtR (-)   | 0.48 (0.12)           | 0.47 (0.11)           | 0.44    |
| AMH (pg/ml)| 50.52 (41.76)         | 26.35 (11.92)         | <0.001  |
| Glucose (mg/dl) | 88.00 (9.50)   | 88.00 (9.00)          | 0.63    |
| Insulin (mIU/ml) | 9.52 (7.80)    | 8.32 (6.51)           | 0.23    |
| HOMA-IR (-) | 2.02 (1.76)         | 1.83 (1.42)           | 0.22    |
| TC (mg/dl) | 171.00 (37.00)       | 166.00 (40.50)        | 0.52    |
| TG (mg/dl) | 74.00 (51.00)        | 79.00 (42.5)          | 0.63    |
| HDL-C (mg/dl) | 60.00 (21.00)     | 65.00 (25.00)         | 0.06    |
| LDL-C (mg/dl) | 92.00 (34.40)     | 83.50 (37.30)         | 0.03    |
| TSH (µU/ml) | 2.03 (1.35)         | 2.20 (1.36)           | 0.28    |
| FSH (mU/ml) | 5.80 (2.10)         | 5.10 (3.20)           | 0.56    |
| LH (mU/ml) | 8.20 (8.20)         | 6.30 (4.30)           | 0.01    |
|                | Median       | Interquartile Range | p-value |
|----------------|--------------|---------------------|---------|
| DHEAS (µg/dl) | 320.00 (181.00) | 253.00 (111.00) | 0.02    |
| T (nmol/l)    | 1.70 (1.00)  | 1.20 (0.85)         | <0.001  |
| FTI (%)       | 3.37 (2.87)  | 1.65 (2.57)         | <0.001  |
| E2 (pg/ml)    | 43.00 (42.00) | 52.00 (75.00)       | 0.23    |
| SHBG (nmol/l) | 50.95 (35.25) | 61.45 (38.60)       | 0.04    |
| MS presence   | 19/128 (14.8%) | 4/65 (6.2%)         | 0.08    |

Data are presented as the median and interquartile range (IQR) or number (percentage).

AMH - Anti-Müllerian hormone; BMI - body mass index; DHEAS - dehydroepiandrosterone sulfate; E2 - estradiol; FSH - follicle-stimulating hormone; FTI - free testosterone index; HDL-C - high-density lipoprotein cholesterol; HOMA-IR - homeostasis model assessment for insulin resistance; CON - control subjects; PCOS - polycystic ovary syndrome; LDL-C - low-density lipoprotein cholesterol; LH - luteinizing hormone; MS - metabolic syndrome; SHBG - sex hormone-binding globulin; TC - total cholesterol; TG - triglycerides; TSH - thyroid-stimulating hormone; T - total testosterone; WC - waist circumference; WHtR - waist-to-height ratio.