Table 1. Anthropometric, hormonal and metabolic characteristics of PCOS patients and controls.

	PCOS (N= 203)	Controls (N=76)	P
Age (years)	25.26±6.24	25.53±6.82	0.754
BMI (kg/m²)	27.89±7.73	22.34±2.47	***<0.001***
WBC(x10⁹/L)	7.04±1.6	6.47±1.2	***0.003***
Total Testosterone (nmol/L)	3.3±1.4	2.08±0.55	***<0.001***
D4A (nmol/L)	12.39±5.72	4.57±2.96	***<0.001***
DHEA-S (nmol/L)	6543.6±4969.4	7083.54±3365.3	0.385
SHBG(nmol/L)	37.78±21.89	67.68±33.17	0.010
FSH (IU/L)	5.38±3.39	4.93±2.56	0.251
LH (IU/L)	7.15±5.41	7.80±7.89	0.520
Insulin (pmol/l)	95.21±63.82	55.32±51.9	***<0.001***
Glucose (mmol/L)	4.66±0.52	4.84±0.51	***0.009***
SGOT (U/L)	19.11±7.12	21.38±7.78	***0.033***
SGPT(U/L)	20.99±17.96	27.66±9.07	***0.002***
γGT(U/L)	16.62±13.32	16.42±11.14	0.903
Total cholesterol (mmol/L)	4.58±0.84	4.42±0.85	0.185
HDL (mmol/L)	1.40±0.35	1.59±0.33	***<0.001***
TGL (mmol/L)	0.92±0.54	0.8±0.29	***0.017***
HOMA-IR	2.80±2.11	2.05±1.88	***0.007***
FAI	8.73±5.66	3.07±1.65	***0.002***
WHR	0.82±0.08		

Data are shown as mean ± SD. P <0.05: statistical significance. WBC: white blood count, DHEA-S: dehydroepiandrosterone sulphate, SHBG: sex hormone-binding globulin, TGL: triglycerides, HOMA-IR: homeostasis model assessment, FAI: free androgen index.