

Supplementary Table S2. Correlation of age and BMI with energy metabolism (n = 85).

Metabolic parameters	All patients (n = 85)		Normal ovarian function (n = 21)		Ovarian infertility (n = 64)	
	Age	BMI	Age	BMI	Age	BMI
FAO function						
FAO function	-0.091	-0.270*	0.161	-0.325	-0.157	-0.243
Maximal FAO function	-0.086	0.173	0.190	0.468	-0.161	0.094
FAO for ATP production	-0.025	-0.003	0.370	0.255	-0.094	-0.078
Glycolytic function						
Glycolysis	0.085	-0.114	0.406	-0.158	0.026	-0.108
Glycolytic capacity	0.075	-0.091	0.391	-0.086	0.019	-0.082
Glycolytic reserve	-0.015	-0.028	-0.008	0.170	-0.037	-0.055
Glycolytic reserve (%)	0.001	0.016	-0.039	0.113	-0.006	0.001
Mitochondrial function						
Basal respiration	-0.112	-0.142	0.152	0.073	-0.164	-0.182
ATP production	-0.176	-0.090	-0.010	0.082	-0.217	-0.126
Maximal respiration	-0.302**	-0.026	-0.079	0.099	-0.344**	-0.042
Spare respiratory capacity	-0.357**	0.039	-0.153	0.105	-0.377**	0.039
Proton leak	0.030	-0.222*	0.348	0.040	-0.065	-0.261*
Coupling efficiency (%)	-0.353**	0.264*	-0.452*	0.278	-0.336**	0.239
ATP production rate						
Total ATP production	-0.012	-0.189	0.318	0.029	-0.132	-0.239
Mitochondrial ATP (%)	-0.265*	-0.078	-0.168	-0.231	-0.253*	-0.005
Glycolytic ATP (%)	0.265*	0.078	0.168	0.231	0.253*	0.005

Boxed area also shown as Table 1.

Bold numbers indicate significant correlations.

* P < 0.05. ** P < 0.01.