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SUPPLEMENTARY MATERIAL

Exploring some pro-inflammatory cytokines and adipokines as novel biomarkers in polycystic ovary syndrome

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Key words: polycystic ovary syndrome, pro-inflammatory cytokines, adipokines.

Supplementary Table 1. Mean concentration of adipokines in serum samples from control and patient groups.

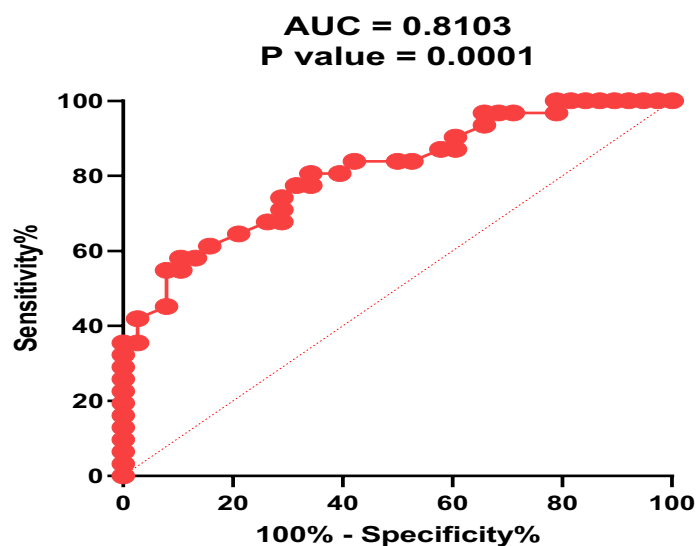
Adipokines	Mean $\pm$ SE control	Mean $\pm$ SE patients	p-value
Lipocalin(pgm/mL)	32.40 $\pm$ 15.81	66.12 $\pm$ 33.72	0.0366
Adipsin (pgm/mL)	144.2 $\pm$ 73.46	294.0 $\pm$ 149.8	0.0455

SE, standard error.

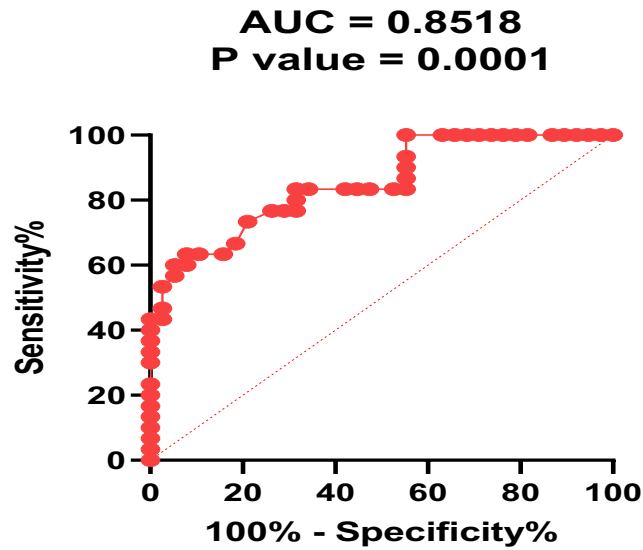
Supplementary Table 2. Serum proinflammatory factors concentration comparison between the patient and control groups.

Proinflammatory factors	Mean $\pm$ SE control	Mean $\pm$ SE patients	p-value
Angiopoietin-2 (ng/L)	11.86 $\pm$ 6.174	24.23 $\pm$ 12.37	0.0494
IL-22 (pg/L)	9.407 $\pm$ 3.739	17.16 $\pm$ 7.752	0.0416

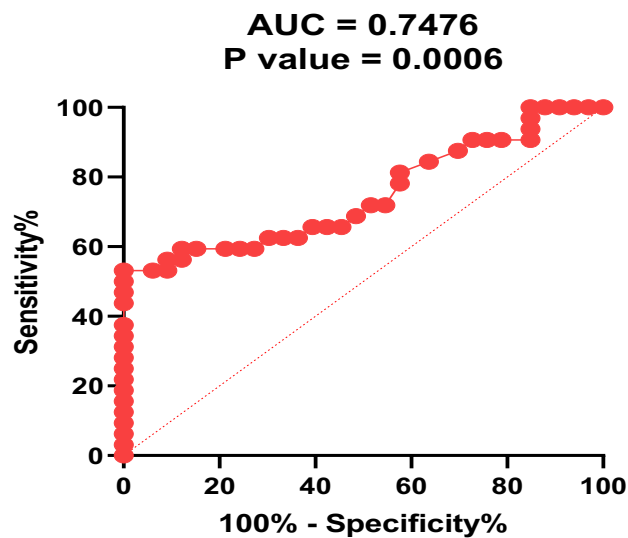
SE, standard error; IL, interleukin.



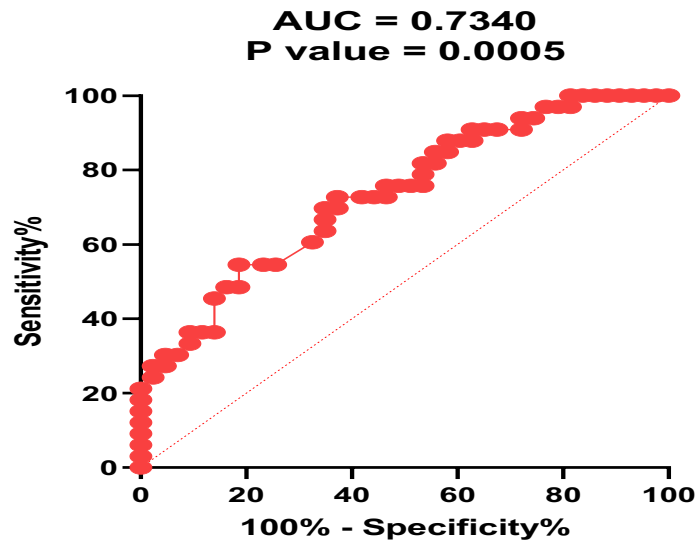
Supplementary Figure 1. Receiver operating characteristic curve results of serum lipocalin-2. AUC, area under the curve.



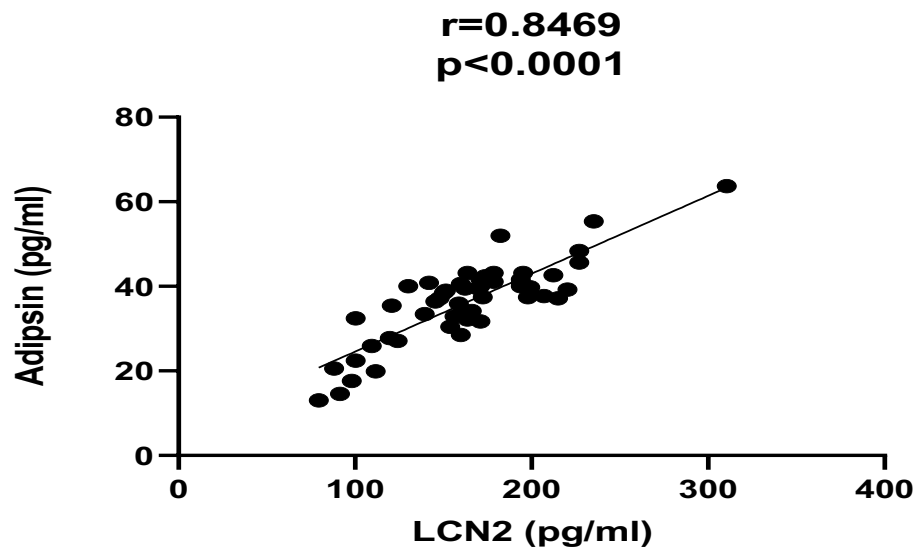
Supplementary Figure 2. Receiver operating characteristic curve results of serum adipisin. AUC, area under the curve.



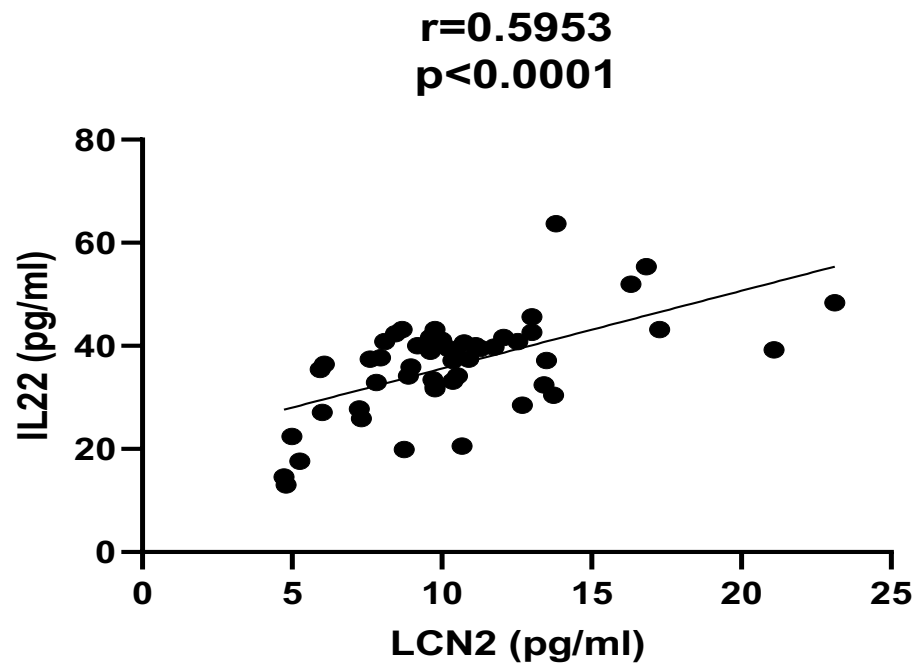
Supplementary Figure 3. Receiver operating characteristic curve results of serum angiotensin-2. AUC, area under the curve.



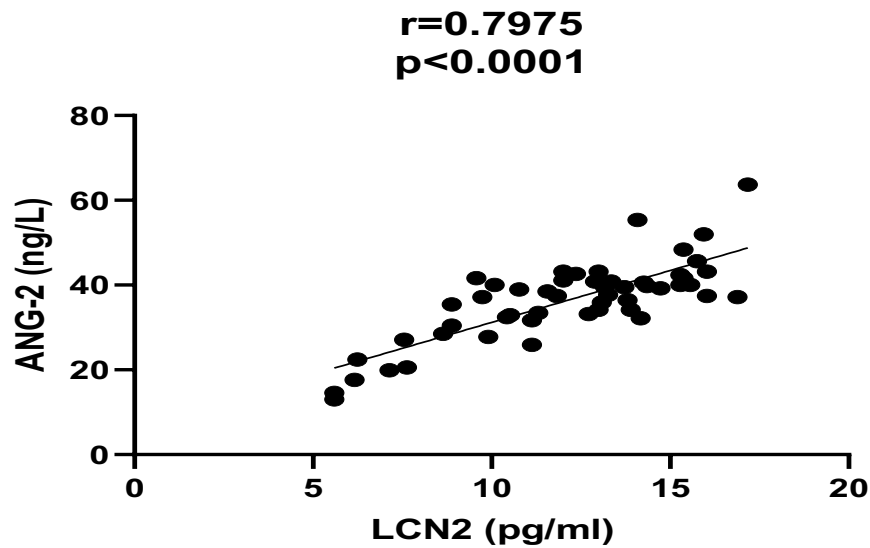
Supplementary Figure 4. Receiver operating characteristic curve results of serum interleukin-22. AUC, area under the curve.



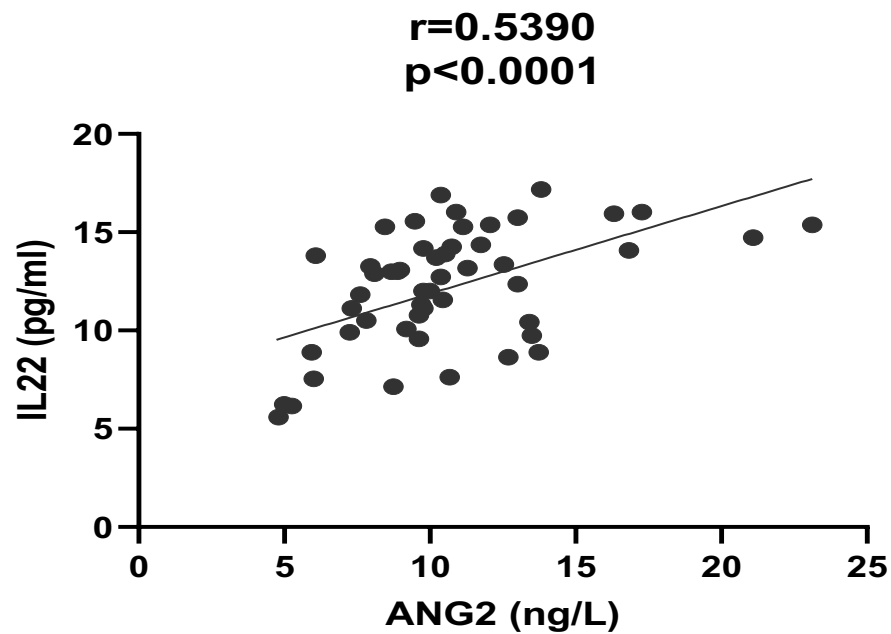
Supplementary Figure 5. A scatterplot shows the relationship between lipocalin-2 to adipsin in the polycystic ovarian syndrome group.



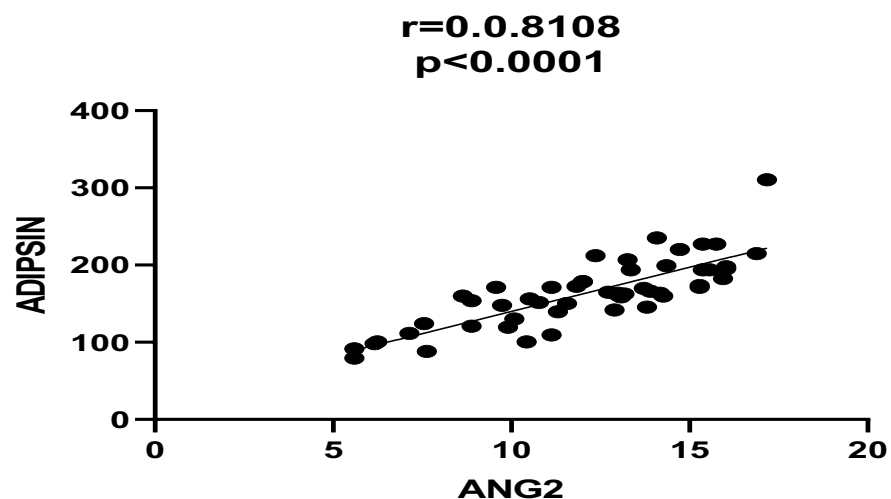
Supplementary Figure 6. A scatterplot shows the relationship between lipocalin-2 and interleukin-22 in the polycystic ovarian syndrome group.



Supplementary Figure 7. A scatterplot shows the relationship between lipocalin-2 and angiotensin-2 in the polycystic ovarian syndrome group.



Supplementary Figure 8. A scatterplot shows the relationship between angiopoietin-2 and interleukin-22 in in the polycystic ovarian syndrome group.



Supplementary Figure 9. A scatterplot shows the relationship between angiopoietin-2 and adipsin in the polycystic ovarian syndrome group.